Prince Edward Island
CANADA

Transportation and Infrastructure Renewal

ANNUAL REPORT 2012-2013

Prince Edward Island
CANADA

Department of Transportation and Infrastructure Renewal

Annual Report

for the year ending March 31, 2013

Jones Building, 11 Kent Street,
P.O. Box 2000, Charlottetown,
Prince Edward Island, Canada, C1A 7N8
Telephone: 902-368-5100 Fax: 902-368-5395

Prince Edward Island
CANADA

The Honourable Frank Lewis
Lieutenant Governor of Prince Edward Island

May It Please Your Honour:

I respectfully submit herewith, for the information of Your Honour and the Legislature of Prince Edward Island, the Annual Report of the Department of Transportation and Infrastructure Renewal for the period April 1, 2012 to March 31, 2013.

Respectfully submitted,

Robert Vessey

Robert Vessey
Minister

The Honourable Robert Vessey
Minister
Department of Transportation and Infrastructure Renewal
Province of Prince Edward Island

Sir:

I am pleased to submit to you the Annual Report of the Department of Transportation and Infrastructure Renewal for the period April 1, 2012 to March 31, 2013.

The activities of the respective Divisions are recounted in the following pages of the Report.

Respectfully Submitted,

Brian Douglas
Deputy Minister

MANDATE

Through the provision of essential transportation and infrastructure systems and services, the Department is committed to improving safety for citizens, contributing to the quality of life on PEI, and enabling the provincial economy. To accomplish this mandate, the Department:

- Provides quality and timely advice to the Government of Prince Edward Island on all matters related to transportation and infrastructure services;

- Maintains the provincial highway network to the highest standard through construction and maintenance of the network in the safest, most cost effective, and environmentally responsible manner possible;

- Establishes partnerships with all levels of government and other jurisdictions to secure funding and develop agreements that synchronize with the Province's transportation, infrastructure, and service priorities;

- Provides quality services to Government in the areas of building construction, Crown land management, building maintenance and accommodations; and,

- Pursues policies and strategic initiatives to sustain and enhance the Province's economic growth and development.

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DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE RENEWAL

VISION

Transportation and Infrastructure Renewal: Leading in the Delivery of Safe and Efficient Infrastructure and Services.

MISSION

Serve the public and government by providing professional services to develop, deliver, operate and maintain public infrastructure in a manner that emphasizes quality, safety, cost-effectiveness and environmental responsibility.

To provide high quality and timely policy advice to the Government of Prince Edward Island on all matters related to transportation and public works.

To provide transportation infrastructure and foster development of a safe, efficient, affordable and environmentally sustainable transportation system for the movement of people and goods.

To provide quality services to the rest of Government in the areas of building construction, Crown land management, building maintenance and accommodations; and to support development of the Prince Edward Island economy.

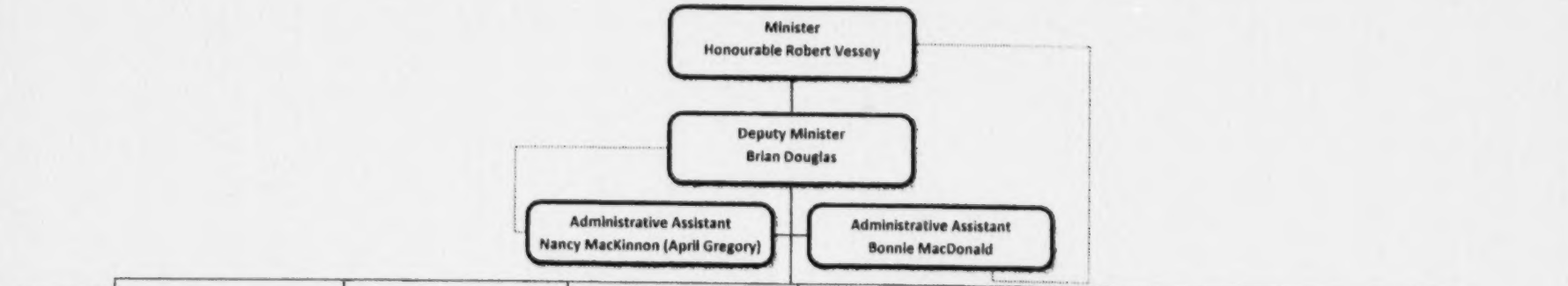
Clients include transportation users, enforcement agencies, the construction industry, and other government departments.

LEGISLATIVE RESPONSIBILITIES

- **Architects Act**
- **Crown Building Corporation Act**
- **Dangerous Goods (Transportation) Act**
- **Engineering Profession Act**
- **Expropriation Act**
- **Georgetown Common Land Act**
- **Highway Traffic Act**
- **Land Survey Act**
- **Land Surveyor's Act**
- **Off-Highway Vehicle Act**
- **Public Works Act**
- **Roads Act**

Transportation and Infrastructure Renewal - Overview

Fiscal Year 2012-13



Tyler Richardson, Building Const.
- Planning & Design
- Supervision of consultants
- Construction inspection
- Contract administration
- Client advice
- Analysis of existing facilities

Holly Hinds, Building Maintenance
- Maintenance & repair
- Renovations
- Cleaning
- Government House
- Space Allocation
- Leased space

Carol Craswell/Acting, Properties
- Land acquisition & disposal
- Land leases
- Land management

Vacant, Surveys
- Legal surveys
- Topographic surveys
- Provincial survey grid
- Right-of-way status
- Boundary disputes

Brian Thompson, Environment
- Enviro review
- Enviro permits
- Enviro advice

Mark Sherren/Stephen Pigott, Hway Const.
- Highway surveys & specifications
- Highway Capital Program
- Construction Analysis Tracking System

Alan Aitken, Traffic Engineering
- Traffic Engineering
- Signage & Marking
- Signals & lighting
- Access control/subdivisions

Dan MacDonald, GIS
- GIS mapping
- Traffic Data

Terry Kelly, Materials Lab
- Materials testing
- Road structure design

Darrell Evans, Design & Bridges
- Highway design
- Bridge design & maintenance

Matt Collins - special projects

Stephen Szwarc, Assistant Director
- Policy & Planning
- Technical Services
- Research & Development

Mike Berrigan/Gordie Lund/Gerard Morrison, Highway Maintenance
- Asphalt patching & resurfacing
- Grading & shoulder maintenance
- Snow removal & ice control
- Water drainage
- Contract administration

Robert MacKinnon, Inventory Control
- Materials & field supplies inventory
- Materials & field supplies procurement

Wilf MacDonald, Mechanical Branch
- Equipment mechanical & autobody repair
- Equipment parts inventory
- Equipment replacement

Leo Gill, Confederation Trail
- Maintenance program planning & delivery

Doug MacEwen, Safety Operations
- Driver safety
- Motor vehicle inspection
- Standardized regulations
- Truck scales
- Public education

Graham Miner, Driver Records/ Vehicle Registration
- Driver registration & licensing
- Vehicle registration
- Driver records & demerits

Alan MacDonald, IT Contract
- Network operations
- Software coaching, advice, acquisition
- System compatibility review
- Contract/service monitor
- Database administration

Darlene Rhodenizer, Can-PEI Secretariat
- Can-PEI Infrastructure program
- Shared Info Manage System database

- Strategic transportation plan
- Functional planning
- Transportation policy
- Federal/Provincial Planning

CORPORATE RESOURCES

- Jason Rendell, Human Resource Manager
  Human Resource services assigned to the Department through the Public Service Commission

- Wendy MacDonald, Director of Finance
  Finance services assigned to the Department through the Department of Finance, Energy and Municipal Affairs

- Mary Moszynski, Communications Officer
  Communication services assigned to the Department through Communications PEI

Department Of Transportation and Infrastructure Renewal

Personnel

Minister	Hon. Robert Vessey
Administrative Assistant	Bonnie MacDonald
Deputy Minister	Brian Douglas
Administrative Assistant	April Gregory
CORPORATE SERVICES	
Finance	Wendy MacDonald, C.A.Director
Human Resources	Jason Rendell
HIGHWAY SAFETY & IT	John MacDonald, Director
Highway Safety Operations	Doug MacEwen
Highway Safety Registration	Graham Miner
PUBLIC WORKS & PLANNING	Alan Maynard, Director
Planning	Paul Godfrey
Building Design and Construction	Tyler Richardson
Maintenance and Accommodations	Holly Hinds
LAND & ENVIRONMENT	Brian Thompson, Director
A/Provincial Chief Surveyor	David Morris
Properties	Leo Creamer
CAPITAL PROJECTS DIVISION	Steve Yeo, Director
Western Region Engineer	Mark Sherren
Eastern Regional Engineer	Stephen Pigott
Materials and Soils	Terry Kelly
Highway Design & Bridge Maintenance	Darrell Evans
HIGHWAY MAINTENANCE	Darren Chaisson, Director
Highway Maintenance	Stephen Szwarc, Assistant Director
Highway Maintenance, Western	Mike Berrigan
Highway Maintenance, Central	Gordie Lund
Highway Maintenance, Eastern	Gerard Morrison
Mechanical Branch, Fleet Manager	Wilf MacDonald
Mechanical Branch, Western	Gerald Arsenault
Mechanical Branch, Central	Donnie Martin
Mechanical Branch, Eastern	Charles MacLaren
Confederation Trail Maintenance	Leo Gill

FRENCH LANGUAGE SERVICES IMPLEMENTATION PLAN

The Department continues to respond to the requirements of the French Language Services Act through its 2000 implementation plan.

Focus continues in the following areas:

- ***Awareness***
  The Department's obligation to the French Language Services Act continues to be incorporated into the daily routine of staff, especially for those responsible for the distribution and release of information to the public, i.e., correspondence, media releases, public notices, etc.

- ***Human Resources***
  Human Resources are currently approaching the organizational structure to identify positions for potential bilingual designation. These results will be considered in the areas of succession planning and current incumbent training. Interviews have taken place for employees interested in assessing their levels of proficiency in the French language, and others who are new to the language have participated in one-day workshops.

- ***Signs***
  The same effort that resulted in the Traffic Section of the Capital Projects Division receiving an award in 2001 continues to occur. As existing signage stock is depleted, the format is changed to bilingual. Bilingual directional tabs are now being used on Route confirmations and the private road signs for 911 are totally bilingual. Any worded sign manufactured out of the Provincial Sign Shop is produced in a bilingual format.

- ***Document Translation***
  The Highway Safety Division is one of the larger groups responsible for the distribution and circulation of documentation for public consumption. This group continues to work closely with Acadian and Francophone Affairs to identify essential documentation for translation purposes.

Wendy Toy
French Language Services Coordinator

CORPORATE SERVICES DIVISION

The Corporate Service Division is responsible for the administrative and financial aspects of the department as well as departmental centralized planning, administrative and records management functions. This includes the following:

- Planning
- Records Management
- Inventory Control Manager
- Department's Receptionist
- Support staff

As part of the 2011 Provincial Budget address the Premier announced that "*Government will examine the feasibility of expanding a shared services model to include other corporate services functions such as Finance, Administration and Human Resource management.*"

Centralization of corporate services (Finance & Human Resources) was implemented April 1, 2012 with Civil Service departmental Finance Directors, Managers, Senior finance and finance clerks positions being transferred to the Treasury Board Secretariat and Human Resource (HR) managers, HR Officers, HR Assistants and payroll positions being transferred to the Public Service Commission.

Although services have been centralized, the Finance director, HR Manager and staff that have been assigned to the Department, maintain their existing work locations and continue to receive instruction from appropriate departmental personnel.

Advantages to centralization of Corporate Services include, but are not limited to the following:

- Increased consistency in service levels and coverage
- Greater opportunities to increase capacity, cross training and succession planning
- More capacity to respond to surges in demand
- More support from the central agency

Finance and human resources personnel continue to play a very important role within the Department and are responsible for:

- Provision of leadership related to financial management, budget development, financial controls, day to day accounting operations, inventory control and administration services.
- Provision of personnel and payroll services, staffing, organizational development and training administration.

Finance

Responsible to provide financial and administration services for the Department, including:

- Leadership in financial management
- Budget development, forecasts and control
- Support documentation for Budget presentation
- Accounts payable and receivable
- Inventory management
- General administration services

A detailed summary of Ordinary and Capital Expenditures for the year ending March 31, 2013 follows at the end of the Annual Report.

Human Resources

Responsible for the provision of planning and administration related to the Department's classified and non-classified workforce, including:

Personnel and payroll services
Organizational planning and development
Departmental training administration
Permanent and seasonal staffing
Position description and classification
Collective Agreement interpretation and input
Management planning and consultation
Occupational Health and Safety

Finance and Human Resources staff are located in Charlottetown as well as regional facilities in Tignish, Alma, Slemon Park, Georgetown and Bridgetown.

HIGHWAY SAFETY & IT DIVISION

The overall objective is to promote and enforce safe conditions for highway users, issue driver's licenses, provide registration for vehicles and drivers, and to support the Minister of Transportation and Infrastructure Renewal in the administration of the *Highway Traffic Act*, *Off-Highway Vehicle Act*, *Roads Act,* and the Transportation of Dangerous Goods Act. The following Sections are tasked with the responsibilities of carrying out the objectives of Highway Safety:

- Driver Records
- Systems Development and Support
- IRP (International Registration Plan)
- Safety
  Registration and Licensing (Legislation and Policy and Program Development)
- Commercial Vehicle Enforcement

The department has introduced new Legislative Regulatory Changes over the past year.

Drug Impaired Driving

- 90 day Administrative Driving Prohibition issued to drivers charged for impaired by a drug or a combination of a drug(s) and alcohol under the Criminal Code of Canada.
- 90 day Administrative Driving Prohibition for Graduated Drivers exceeding Zero tolerance for drug(s) or combination of drug(s) and alcohol.
- A seven (7) day suspension is issued for any driver that fails a field sobriety test.

Motor Vehicle Impoundment

- 6 month vehicle impoundments issued when a person is operating or had care or control of a vehicle and are charged for any offence under the Criminal Code of Canada involving injury or death.
- 6 month vehicle impoundment for any driver charged with impaired or prohibited driving and was previously convicted in the past 10 years for any offence under the Criminal Code of Canada involving injury or death.
- 6 month vehicle impoundment for any driver charged with impaired or prohibited driving and they had been previously charged with 2 of the same offences in the last 10 years.

Ignition Interlock Program
Mandatory requirement of Ignition Interlock Device for reinstatement of driver's licence for all convictions of impaired driving.
- 1st offence - 1 year
- 2nd offence - 2 years
- 3rd and subsequent offence -5 years
- one additional year added to mandatory ignition interlock when a passenger 16 years or younger is present in the vehicle at the time of the offence.

DRIVER RECORDS SECTION
The Records Section maintains records on all drivers and carriers with convictions for motor vehicle related offences throughout Canada, and who are scheduled for counselling activity such as an interview or a re-examination. The Records Management System (RMS) is one of the key programs used by this Section and is designed to efficiently and effectively maintain driving records to meet the needs for managing drivers and carriers. During the year, there were approximately 9,100 motor vehicle related convictions.

This Section maintains a close working relationship with all law enforcement agencies throughout the Province along with various other government departments and, in particular, the Office of the Attorney General. The Driver Records Section deals mainly with the *Highway Traffic Act, Roads Act, Dangerous Goods Act* and the *Maintenance Enforcement Act*. Driver Abstracts (drivers' records) are provided through the Records Section. This service is available to insurance companies, law enforcement, the legal community or an individual.

The Records Section is responsible for the evaluation, preparation and processing of all *Highway Traffic Act* and driver related *Criminal Code of Canada* convictions. A summary of the major activities is shown below with the 2012-2013 figures displayed for comparison purposes.

Driver License Suspensions and Cancellations	**2011-2012**	**2012-2013**
Section 253 (1)(a) Criminal Code - (Impaired Driving)	37	26
Section 253 (1)(b) Criminal Code - (Failing the Breathalyzer)	302	259
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	32	28
Total Alcohol Related Convictions	**371**	**313**
Administrative Driving Prohibitions	406	372
7 Day Suspensions (S.277.1) HTA	81	79
30 Day Suspensions (S.277.1) (3.2) HTA	6	4
90 Day Suspensions (S.277.1) (3.5) HTA	0	0
Vehicle Impoundments	45	77
Demerit Point System (Point Accumulation)	358	340
Theft of a Motor Vehicle	17	12
Default in Payment of Fine(s)	1944	1960
Failure to Satisfy a Judgment - (Accident with an uninsured vehicle)	8	2
Reinstatement of driving privileges from suspension/cancellation **Revenue from Reinstatement Fees**	1588 **154,825**	1538 **155,500**

Number of Warning Letters Issued - (Point Accumulation)	1592	1353
Number of Driving Record Interviews Issued - (Point Accumulation)	309	271
Drivers required to undergo a re-examination for various reasons (Requests from Law Enforcement, Medical Practitioners, Etc.)	**2011-12**	**2012-13**
Medical Referrals Issued	396	281
Medical Referrals Issued for Commercial Drivers	3267	3666
Vision Referrals Issued	74	76
Driving Re-Examination Conducted	442	480
Driving Record Interviews	196	141
Restricted Driver Licenses Issued	34	30
Requests for Abstracts of Driving Records from Insurance Companies and Individuals **Abstract Fee ($25.00)**	40,271 **814,420**	37,225 **930,635**

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS ***Updated - January 17, 2013***				
Year	***First***	***Second***	***Third or More***	***Total Impaired Convictions***
2012	***57.8%***	***22.3%***	***19.9%***	***327***
2011	***60.3 %***	***19.6 %***	***20.1 %***	***373***
2010	***63.4 %***	***18.9 %***	***17.7 %***	***424***
2009	***59.7 %***	***18.1 %***	***22.2 %***	***392***
2008	***57.8 %***	***23.3 %***	***18.9 %***	***365***
2007	***64.5 %***	***19.0 %***	***16.5 %***	***411***
2006	***56.2 %***	***24.1 %***	***19.7 %***	***345***
2005	***63.8 %***	***19.1 %***	***17.1 %***	***304***
2004	***65.8 %***	***15.2 %***	***19.0 %***	***301***
2003	***63.6 %***	***21.2 %***	***15.2 %***	***348***
2002	***56.1 %***	***23.9 %***	***20.0 %***	***394***
2001	***60.7 %***	***20.5 %***	***18.8 %***	***424***
2000	***59.1 %***	***22.8 %***	***18.1 %***	***430***
1999	***51.1 %***	***18.9 %***	***30.0 %***	***440***
1998	***45.9 %***	***21.0 %***	***33.1 %***	***455***
1997	***48.0 %***	***20.6 %***	***31.4 %***	***554***

1996	*45.8 %*	*21.8 %*	*32.4 %*	*513*
1995	*49.2 %*	*19.5 %*	*31.3 %*	*432*
1994	*46.3 %*	*20.6 %*	*33.1 %*	*438*
1993	*41.6 %*	*21.2 %*	*37.2 %*	*594*
1992	*47.0 %*	*18.0 %*	*35.0 %*	*557*
1991	*46.5 %*	*22.7 %*	*30.8 %*	*626*
1990	*45.8 %*	*21.8 %*	*32.4 %*	*654*
1989	*45.8 %*	*21.8 %*	*32.4 %*	*628*

INFORMATION TECHNOLOGY

Highway Safety have the following computer applications from which statistical information can be generated:

Carrier Management System(CMS):
Monitor, regulate and rate carriers of commercial vehicles. It covers all aspects of driver qualification, vehicle compliance and safety management of commercial vehicle.

Collision and Accident Reporting System (CARS):
The management of highway collisions through collection of data with the capability of ad hoc query and reporting.

Driver Vehicle System (DVS):
Provincial Driver Licensing and Vehicle Registration System which generates revenue for the Province.

Electronic Abstract System (CGI):
Automated Insurance Abstract Management and Billing System for CGI that is processed via FTP.

Enforcement Officer Reporting System (EORS):
Records all daily activity, traffic stops and permits for portable and fixed scale operations.

International Registration Plan (IRP) and IRP Clearing House:
Vehicle Registration Program that interprets business rules, calculates fees and taxes for Canadian and US jurisdictions.

Inter-Provincial Records Exchange System (IRE):
Exchange and sharing of Driver Licensing and Records along with Vehicle Registration Information between provinces and states.

Motor Vehicle Inspection System (MVIS):
Supports the management of the MVI program. Database stores individual MVI reports, station and mechanic information.

Photo ID System:
Management of digital photos and signatures for driver's licenses, instruction permits and identification cards.

Records Management System (RMS):
Manages and maintains all records of PEI Drivers and convictions for motor vehicle related offences. The system generates all daily correspondence.

Telephone Vehicle Registration System (TVRS):
Interactive voice response system for passenger vehicle registration.

Computer Applications Supported Within the Department

Other computer applications within the Department which the Information Technology Section supports are:

Regional Weather Information System (RWIS):
Tracks and provides information on weather and road conditions on PEI.

Construction Analysis and Tracking System Remote (CATS Remote):
Management of load tickets for printing and monitoring. This system runs parallel to CATS during the construction season.

Construction Analysis and Tracking System (CATS):
Tracks all government of PEI construction contracts from tender submissions through payout.

Electronic Billing Information System (EBIS):
Tracking of utility bills and kilowatt usage for all government departments.

Fleet Management System (FMS):
Manages the corporate fleet of leased vehicles by monitoring all payments and expenses for all departments, plus manages parts inventory, labour and maintenance for government garages.

Integrated Traffic Monitoring System (ITMS):
Tracks vehicle traffic data for all PEI highways and generates ad hoc reports.

Land Information Management System (LIMS):
Tracks and monitors crown owned land history from current to past leaseholders along with use of land.

Travel Claims System (TCS):
Tracks Travel Claims by employee with the Department of Transportation and Infrastructure Renewal.

Pavement Management System (PMS):
Collects data on pavement conditions and road attributes.

Highway Lab Information Management System (HLIMS):
Collects data from an array of tests on materials and soils to ensure compliance with the department's specifications.

The International Registration Plan

The International Registration Plan (IRP) is a Registration Reciprocity Agreement among States of the United States and Provinces of Canada providing for payment of license fees on the basis of total distance operated in all jurisdictions. The fees are divided among the IRP jurisdictions through which the vehicles travel and allow movement on an interjurisdictional and intrajurisdictional basis.

Typically vehicles over 11,794 kgs (26,000 lbs) or buses with 20 seats or more that wish to travel in two or more jurisdictions must register under IRP. It is not mandatory that vehicles be registered under this Agreement, but if carriers do not register, they will be required to register in their base jurisdiction and obtain temporary or single trip permits from member jurisdictions in which they intend to travel.

During the fiscal year April 1, 2012 - March 31, 2013 there were 204 Prince Edward Island based carriers registering a total of 686 vehicles under the Agreement.

As part of retaining membership in the Plan each jursdiction's business practices are reviewed by a panel of their peers on a five year rotation. In August 2013 Prince Edward Island's IRP offices peer review was completed and they were found to be in full compliance with the Plan.

IRP Clearinghouse

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconcilement of registration and tax fee information and funds through a central computer system among member jurisdiction of the International Registration Plan. Presently 55 of the 59 member jurisdictions are members of the Clearinghouse.

Canadian Agreement on Vehicle Registration (CAVR)

CAVR is a Full and Free Reciprocity Agreement for Category "B" vehicles for interprovincial operations that may operate in all Canadian Provinces when legally registered in their home jurisdiction. They cannot be used for intra-provincial transportation, unless they meet conditions specified in Article V of the Agreement.

IRP services are provided at the Charlottetown office of the Highway Safety Division. The distribution of revenue, for the fiscal year April 1, 2012 - March 31, 2013 are listed in the tables that follow.

DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2012 - MARCH 31, 2013

PROVINCE	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADMIN. FEES	TOTAL FEES
PE	$ 398,205.00	$ 215.91	$ 377,626.56	$ 37,186.00	$ 813,233.47
NB	$ 399,026.07	$ 41.02	$ 0.00	$ 0.00	$ 399,067.09
NS	$ 188,848.75	$ 0.00	$ 0.00	$ 0.00	$ 188,848.75
NL	$ 8,374.12	$ 0.00	$ 0.00	$ 0.00	$ 8,374.12
QC	$ 102,414.70	$ 0.00	$ 0.00	$ 0.00	$ 102,414.70
ON	$ 69,684.00	$ 0.00	$ 0.00	$ 0.00	$ 69,684.00
MB	$ 1,562.00	$ 0.00	$ 1,184.30	$ 0.00	$ 2,746.30
SK	$ 1,864.00	$ 0.00	$ 1,050.85	$ 0.00	$ 2,914.85
AB	$ 1,345.00	$ 0.00	$ 0.00	$ 0.00	$ 1,345.00

BC	$ 922.87	$ 0.00	$ 0.00	$ 0.00	$ 922.87
TOTALS	$ 1,172,246.51	$ 256.93	$ 379,861.71	$ 37,186.00	$ 1,589,551.15

All Fees in Canadian Dollars

DISTRIBUTION OF REVENUE COLLECTED FROM P.E.I. BASED CARRIERS FOR U.S. JURISDICTIONS APRIL 1, 2012 - MARCH 31, 2013

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Alabama	$ 49.38	$ 0.00	$ 0.00	$ 49.38
Arizona	$ 536.61	$ 0.00	$ 0.00	$ 536.61
Arkansas	$ 44.36	$ 0.00	$ 0.00	$ 44.36
California	$ 553.00	$ 0.00	$ 0.00	$ 553.00
Colorado	$ 177.03	$ 0.00	$ 89.73	$ 266.76
Connecticut	$ 7,281.14	$ 0.00	$ 0.00	$ 7,281.14
Delaware	$ 954.40	$ 0.00	$ 0.00	$ 954.40
Dist. Of Columbia	$ 7.51	$ 0.00	$ 0.00	$ 7.51
Florida	$ 1,342.69	$ 0.00	$ 0.00	$ 1,342.69
Georgia	$ 499.04	$ 0.00	$ 0.00	$ 499.04
Idaho	$ 112.36	$ 0.00	$ 0.00	$ 112.36
Illinois	$ 2,139.03	$ 0.00	$ 0.00	$ 2,139.03
Indiana	$ 496.17	$ 0.00	$ 229.04	$ 725.21
Iowa	$ 774.86	$ 0.00	$ 0.00	$ 774.86
Kansas	$ 39.59	$ 0.00	$ 0.00	$ 39.59
Kentucky	$ 217.37	$ 0.00	$ 83.58	$ 300.95
Louisiana	$ 18.35	$ 0.00	$ 0.00	$ 18.35
Maine	$ 18,854.00	$ 0.00	$ 23,936.66	$ 42,790.66
Maryland	$ 1,660.55	$ 0.00	$ 0.00	$ 1,660.55

Massachusetts	$ 10,372.59	$ 0.00	$ 0.00	$ 10,372.59
Michigan	$ 2,490.18	$ 0.00	$ 0.00	$ 2,490.18
Minnesota	$ 181.96	$ 0.00	$ 0.00	$ 181.96
Mississippi	$ 48.54	$ 0.00	$ 29.75	$ 78.29
Missouri	$ 257.93	$ 0.00	$ 0.00	$ 257.93
JURISDICTION	**REGISTRATION FEES**	**AUDITS**	**SALES TAX FEES**	**TOTAL FEES**
Montana	$ 82.68	$ 0.00	$ 22.55	$ 105.23
Nebraska	$ 149.68	$ 0.00	$ 0.00	$ 149.68
Nevada	$ 68.92	$ 0.00	$ 45.68	$ 114.60
New Hampshire	$ 1,149.26	$ 3.11	$ 0.00	$ 1,152.37
New Jersey	$ 5,051.64	$ 0.00	$ 0.00	$ 5,051.64
New Mexico	$ 20.97	$ 0.00	$ 0.00	$ 20.97
New York	$ 8,606.34	$ 0.00	$ 2,134.10	$ 10,740.44
North Carolina	$ 1,468.77	$ 0.00	$ 0.00	$ 1,468.77
North Dakota	$ 68.35	$ 0.00	$ 0.00	$ 68.35
Ohio	$ 475.18	$ 0.00	$ 0.00	$ 475.18
Oklahoma	$ 114.50	$ 0.00	$ 0.00	$ 114.50
Oregon	$ 61.83	$ 0.00	$ 0.00	$ 61.83
Pennsylvania	$ 8,925.65	$ 0.00	$ 1,054.16	$ 9,979.81
Rhode Island	$ 265.01	$ 0.00	$ 0.00	$ 265.01
South Carolina	$ 703.64	$ 0.00	$ 0.00	$ 703.64
South Dakota	$ 143.60	$ 0.00	$ 0.00	$ 143.60
Tennessee	$ 292.09	$ 0.00	$ 0.00	$ 292.09
Texas	$ 118.03	$ 0.00	$ 0.00	$ 118.03
Utah	$ 56.67	$ 0.00	$ 51.67	$ 108.34
Vermont	$ 838.41	$ 0.00	$ 0.00	$ 838.41
Virginia	$ 2,515.84	$ 0.00	$ 0.00	$ 2,515.84
Washington	$ 233.71	$ 0.00	$ 1.80	$ 235.51
West Virginia	$ 270.30	$ 0.00	$ 183.71	$ 454.01
Wisconsin	$ 403.30	$ 0.00	$ 0.00	$ 403.30

Wyoming	$ 171.55	$ 0.00	$ 0.00	$ 171.55
JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
TOTALS	$ 81,364.56	$ 3.11	$ 27,862.43	$ 109,230.10

All Fees in US Dollars

DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS FOR PRINCE EDWARD ISLAND APRIL 1, 2012 - MARCH 31, 2013

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX	TOTAL FEES
NB	$ 178,334.00	$ 302.70	$ 287,680.73	$ 466,317.43
NS	$ 75,024.00	$- 152.29	$ 109,361.77	$ 184,233.48
NL	$ 4,030.00	$ 0.00	$ 3,133.07	$ 7,163.07
QC	$ 44,298.82	$- 0.28	$ 53,643.73	$ 97,942.27
ON	$ 25,173.00	$ 0.05	$ 35,077.04	$ 60,250.09
MB	$ 2,539.00	$ 0.00	$ 3,351.37	$ 5,890.37
SK	$ 109.00	$ 0.00	$ 311.42	$ 420.42
AB	$ 1,022.46	$ 0.00	$ 2,665.75	$ 3,688.21
BC	$ 809.00	$ 0.00	$ 1,273.02	$ 2,082.02
TOTALS	$ 331,339.28	$ 150.18	$ 496,497.90	$ 827,987.36

All fees in Canadian Dollars

DISTRIBUTION OF REVENUE COLLECTED BY U.S. JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2012 - MARCH 31, 2013

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Alabama	$ 60.84	$ 0.00	$ 87.11	$ 147.95
Arizona	$ 4,579.49	$ 0.00	$ 6,562.73	$ 11,142.22
Arkansas	$ 316.87	$ 0.00	$ 453.99	$ 770.86
California	$ 264.79	$- 0.08	$ 379.38	$ 644.09
Colorado	$ 0.85	$ 0.00	$ 1.23	$ 2.08
Connecticut	$ 22.58	$ 0.00	$ 32.26	$ 54.84
Delaware	$ 5.78	$ 0.00	$ 8.24	$ 14.02
Dist. Of Columbia	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Florida	$ 260.31	$ 0.00	$ 372.98	$ 633.29
Georgia	$ 271.73	$ 0.00	$ 389.27	$ 661.00
Idaho	$ 36.76	$ 0.00	$ 52.64	$ 89.40
Illinois	$ 417.91	$ 0.12	$ 598.81	$ 1,016.84
Indiana	$ 3,332.43	$ 0.00	$ 4,775.57	$ 8,108.00
Iowa	$ 87.62	$ 0.00	$ 125.49	$ 213.11
Kansas	$ 10.98	$ 0.00	$ 242.42	$ 253.40
Kentucky	$ 1.01	$ 0.00	$ 11.14	$ 12.15
Louisiana	$ 29.24	$ 0.00	$ 41.78	$ 71.02
Maine	$ 3,207.78	$ 91.61	$ 4,596.92	$ 7,896.31
Maryland	$ 99.68	$ 0.00	$ 452.48	$ 552.16
Massachusetts	$ 18.47	$ 0.00	$ 38.45	$ 56.92
Michigan	$ 254.18	$ 0.00	$ 364.15	$ 618.33
Minnesota	$ 170.09	$ 0.00	$ 243.63	$ 413.72
Mississippi	$ 349.45	$ 0.00	$ 500.65	$ 850.10
Missouri	$ 355.48	$ 0.00	$ 509.31	$ 864.79

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
Montana	$ 1.02	$ 0.00	$ 1.44	$ 2.46
Nebraska	$ 45.24	$ 0.00	$ 112.56	$ 157.80
Nevada	$ 154.01	$ 0.00	$ 138.18	$ 292.19
New Hampshire	$ 598.19	$ 0.00	$ 857.18	$ 1,455.37
New Jersey	$ 45.32	$ 0.00	$ 64.86	$ 110.18
New Mexico	$ 0.00	$ 0.00	$ 0.00	$ 0.00
New York	$ 291.77	$- 1.09	$ 350.50	$ 641.18
North Carolina	$ 319.40	$- 0.22	$ 457.64	$ 776.82
North Dakota	$ 112.84	$ 0.00	$ 161.67	$ 274.51
Ohio	$ 11,450.64	$ 0.00	$ 16,409.66	$ 27,860.30
Oklahoma	$ 54.84	$ 0.00	$ 78.67	$ 133.51
Oregon	$ 706.14	$ 0.00	$ 1,011.89	$ 1,718.03
Pennsylvania	$ 634.00	$ 0.24	$ 908.50	$ 1,542.74
Rhode Island	$ 111.91	$ 0.00	$ 160.30	$ 272.21
South Carolina	$ 21.65	$ 0.00	$ 30.89	$ 52.54
South Dakota	$ 10.59	$ 0.00	$ 15.16	$ 25.75
Tennessee	$ 230.45	$- 0.46	$ 330.16	$ 560.15
Texas	$ 1,129.40	$ 0.00	$ 1,618.42	$ 2,747.82
Utah	$ 33.07	$ 4.14	$ 47.23	$ 84.44
Vermont	$ 829.07	$ 0.00	$ 1,188.09	$ 2,017.16
Virginia	$ 76.88	$ 0.00	$ 110.10	$ 186.98
Washington	$ 51.79	$- 0.02	$ 74.15	$ 125.92
West Virginia	$ 13.37	$ 0.00	$ 19.09	$ 32.46
Wisconsin	$ 487.90	$ 0.06	$ 699.12	$ 1,187.08
Wyoming	$ 0.02	$ 0.00	$ 0.00	$ 0.02

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES
TOTALS	$ 31,563.83	$ 94.30	$ 45,686.09	$ 77,344.22

All Fees in US Dollars

RECAP OF REVENUE
APRIL 1, 2012 - MARCH 31, 2013

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island	$ 813,233.47
Revenue Collected for Canadian Jurisdictions	$ 776,317.68
Total Canadian Revenue Collected from PE Base Plated Carriers	$ 1,589,551.15
Total U.S. Revenue Collected from PE Base Plated Carriers	$ 109,230.10

Distribution of Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PE by Canadian Jurisdictions	$ 827,987.36
Revenue Collected for PE by U.S. Jurisdictions	$ 77,344.22

Registration and Licensing

Registration and Licensing service delivery is carried out through a service level agreement with Access P.E.I.

Vehicle Registration Breakdown

Type	2011-2012	2012-2013
Cars	71,193	71,836
Trucks	23,987	24,357
Motorcycles	2,594	2,651
Buses	495	438
Trailer	13,438	14,228
Off-Road Vehicle	1,336	1,364
Miscellaneous - Other Vehicles	639	714
Total Registrations	**113,682**	**115,588**

Total Number of Drivers per Class

Class	2011-2012	2012-2013
CLASS 1 - Tractor Trailers	4,145	4,146
CLASS 2 - Bus for more than 24 passengers including School Bus	1,026	1,029
CLASS 3 - Trucks over 14,000 kgs	5,545	5,297
CLASS 4 - Ambulance, Bus, Taxi for less than 24 passengers	2,846	2,772
CLASS 5 - Car, light truck	88,180	89,173
CLASS 6 - Motorcycle	9,636	10,070
CLASS 7 - Beginner's Instruction Permit	3,029	2,921

SAFETY SECTION

The Safety Section deals with issues relating to the driver and vehicle. In each of these categories, the measures designed to counter highway collisions were separated into education and enforcement techniques which are primarily directed to highway users, and by engineering developments directed to safety improvements of the vehicle.

Countermeasures were planned and conducted on the premise that the driver is ultimately responsible for motor vehicle operation on the highway. The countermeasure strategy is to increase the driver's knowledge of highway laws and safe driving practices. These include utilizing the news media for promotional and information purposes, testing new drivers, having licensing control over newly licensed drivers and correction of unsafe practices among all drivers.

The Safety Section plans and co-ordinates the following programs:

- Promotion of Highway Safety
- Driver Improvement Programs
- Motor Vehicle Inspection
- Highway Weight Enforcement
- National Safety Code

The basic objective of driver testing is to establish and maintain acceptable standards for the issuance of driver licenses for all classes of vehicles in accordance with the provisions of the *Highway Traffic Act*, regulations, and department policies. A driver requires the necessary knowledge, skill, physical and mental ability to operate a motor vehicle in order to obtain a driver's license.

A Driver Examiner tests all drivers applying for an initial license at Highway Safety, as well as those applying for a higher class of license. Tests are passed by successfully completing a written examination of rules of the road, a vision screening and a behind the wheel road test.

Driver Testing Statistics

Knowledge Tests 2011-2012	Knowledge Tests 2012-2013	Road Tests 2011-2012	Road Tests 2012-2013
3009	2470	3516	3227

Driver Education Licensing Certification Program

Highway Safety encourages young drivers to become involved in a Driver Education Program in order to promote correct driving habits. Applicants enrolled in a Driver Education Program can obtain their Instruction Permit at 15 ½ years of age; however, they must wait at least 180 days and be at least sixteen years of age before becoming eligible for a road test.

Nine Commercial Driver Education Schools operated in Prince Edward Island during the year. Each school offered twenty-five hours of in-classroom instruction and ten hours behind-the-wheel training and six hours of observation time as required by the Driving School Regulations.

Driver Education School - Class 5 Driver License

Written Examinations		Road Tests	
2011-2012	1048	2011-2012	1039
2012-2013	1015	2012-2013	1146

Driver Improvement Program

The primary function of driver improvement is to identify problem drivers through their driving record. Interviews and meetings are conducted to encourage drivers to change their driving habits and attitudes in order to reduce fatalities, injuries and property damage. When a driver accumulates six or more demerit points, they are advised of the consequences which could result by the accumulation of additional demerit points. Nine or more demerit points requires the driver to attend a driver improvement interview, during which the driver is provided with an awareness of a driving problem and the process to a solution for the problem. Twelve or more demerit points results in the suspension for three months of the driver's license. All suspended drivers must attend a reinstatement interview and a Driver Improvement Course. Failure to attend this course could result in further suspension of the driver's license. During the year, a total of 50 driver successfully completed the Driver Improvement Course

Driver Rehabilitation Program

All drivers who are convicted of a second or subsequent offence for impaired driving pursuant to Section 253(a) (impaired driving), 253(b) (failing the breathalyser), or 254(c) (refusal of the breathalyser)of the *Criminal Code of Canada* must complete a driver risk assessment which is conducted by Highway Safety. This assessment must be completed before a suspended driver can have their driver's license considered for reinstatement. Further referral to Addiction Services or to a Driver Rehabilitation Program could be required.

A Driver Rehabilitation Program is also conducted for a first-time offender convicted of impaired driving. This program is a requirement before a driver's license is reinstated. During the year, 190 drivers completed Driver Rehabilitation Program.

Assessment Program

The Alcohol Assessment Referral Program requires drivers with three or more convictions for impaired driving to have an alcohol assessment completed and, if required, undergo curative treatment at an addiction services centre. A probationary driver's license may be returned to the driver if the treatment program

recommended by Addiction Services was followed. The probationary license is valid as long as the treatment program is followed. During the year, a total of 8 drivers participated in the Assessment Program.

Ignition Interlock Program
This program is available to offenders after a drinking and driving conviction and will allow for early reinstatement of a driver's license upon successful application. It is designed to encourage individuals to seek help quickly and address any alcohol-related problems.

The Ignition Interlock Program is a mandatory requirement for reinstatement of a driver's licence for all second and subsequent convictions of impaired driving.

Eligible drivers are issued a restricted driver's license once the interlock device is installed on the vehicle which allows only the operation of that vehicle. The device prevents the vehicle being started if alcohol above a preset level is detected in the driver's breath samples.
All activity is recorded and monitored by Highway Safety Division via a build-in data logger. Failure to comply with operational requirements will result in the removal of the interlock device and reinstatement of the suspension period.

During the year 2012-2013, a total of 88 drivers entered into the Ignition Interlock Program.

Novice Driver Course
The Novice Driver Course is compulsory unless a Driver Education Course has been successfully completed. All new drivers applying for a license must complete either of these courses prior to taking a road test.

The Novice Driver Course is made available through Highway Safety. Courses can be taken in Charlottetown, Montague, Souris, Summerside and Elmsdale. During the year, a total of 693 students successfully completed the Novice Driver Course.

Defensive Driving Course
Courses on safe driving habits have been developed by the Canada Safety Council with the cooperation of provincial governments. In Prince Edward Island, this course is administered by the PEI Safety Council, which is affiliated with St. John Ambulance. Attendance at these courses is voluntary. Those who successfully complete the course receive a bonus of 3 points which can be used as a credit in the Demerit Point System.
During the year, a total of 49 drivers successfully completed the Defensive Driver Course.

Collision and Reporting System (CARS)
During the year 2012, there were 1638 collisions resulting in 1160 injuries and 11 fatalities. The fatalities included 6 drivers of vehicles, 0 drivers of motorcycles, 3 passengers of vehicles 0 passenger of motorcycle 0 pedestrians and 2 cyclists.

Traffic Safety Promotion
Highway Safety provides information regarding traffic safety through the use of the news media, brochures, posters and pamphlets. Campaigns are conducted promoting rules of the road, bicycle safety, off-highway vehicle rules, vehicle safety, winter driving tips, registration and license renewal reminders and seat belt use. A continuous campaign is conducted to encourage drivers not to drink and drive.

The SADD (Students Against Drunk Driving) program is also promoted and encouraged through Highway Safety. Six of the high schools across the province have a Chapter of SADD.

Motor Vehicle Inspection

The Motor Vehicle Inspection Program monitors the operating condition of all motor vehicles in Prince Edward Island. Inspection stations and mechanics are required to meet specific criteria in order to be licensed by the Province through Highway Safety.

The stations and mechanics are closely monitored by Motor Vehicle Inspection Officers.

Salvage Vehicle Inspection Program

The Salvage Vehicle Inspection Program was implemented on May 1, 2013 by an amendment to the Motor Vehicle Inspection Regulations. The new program applies to all "salvage" branded cars and light trucks. These vehicles are now required to be submitted to an inspection conducted by a certified auto body repairer, employed at a certified auto body shop, ensuring that the vehicle has been repaired and reassembled to an acceptable industry standard before being submitted to the annual safety inspection. Motor Vehicle Inspection Officers monitor the stations and technicians.

Motor Vehicle Inspection Statistics

No. Stations	No. Mechanics	Results of Inspections	Cars Light Trucks	Trucks	Farm Trucks	Motorcycle Light Trailer	Trailers with brakes
219	556	Passed	91440	4912	1101	3949	3463
		Rejected	3546	221	51	153	152
Type of Vehicle	# Defective Brakes	# Defective tire/wheels	# Defective suspension	Defective steering	Defective exhaust	#Defective body/frame	windshield & glazing
Light Vehicle	14221	6490	7953	5188	3172	2810	1458
Commercial Vehicle	2126	821	529	405	320	330	222

Commercial Vehicle Enforcement

Roadside Vehicle Checks - Highway Safety Peace Officers, in cooperation with police agencies, conducted 17 roadside vehicle check stops throughout the year. Items checked include driver's license, vehicle registration, inspection, insurance coverage, use of seat belts, window tint and infractions under the *Liquor Control Act*.

Inspection Facilities (Stationary Scales)

There are two weigh scale stations in Prince Edward Island. One is located at Borden-Carleton and the other in Wood Islands. The Borden-Carleton Scales are opened 24 hours a day throughout the year and are staffed by five full-time officers, two full/part-time officers and one relief officer.

The Wood Islands Scales operate from May to mid December each year, and are open daily. Staff includes two permanent full-time officers.

Commercial Vehicle Enforcement Officers are responsible for enforcement of the *Roads Act* and Vehicle Weight Regulations, *Highway Traffic Act* and Regulations, *Transportation of Dangerous Goods Act* and Regulations, *Plant Health Act* and the *Animal Health Act*.

Commercial Vehicle Enforcement Officers assist with the scanning and data entry of the Motor Vehicle Inspection System (contributing to the storage of 90,000 information forms yearly).

Commercial Vehicle Enforcement Statistics

Truck Movement

Activity	Location	Number
Canadian Trucks	Borden/Carleton Scales Wood Islands Scales	155,707 10,500
U.S. Trucks	Borden/Carleton Scales Wood Islands Scales	5905

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales Wood Islands Scales	13533416
Hours of Work (Driver's Log)	Borden/Carleton Scales Wood Islands Scales	22023
Trip Inspections	Borden/Carleton Scales Wood Islands Scales	22023
Dangerous Goods Inspections	Borden/Carleton Scales Wood Islands Scales	211

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales Wood Islands Scales	30 0
Potato disinfectant Slips Collected	Borden/Carleton Scales Wood Islands Scales	7,174 74
Vehicles Checked For Taxable Goods	Borden/Carleton Scales Wood Islands Scales	9 0
Forest Products	Borden/Carleton Scales Wood Islands Scales	829103
Vehicles Quarantined Plant Health Act	Borden/Carleton Scales Wood Islands Scales	10
Apiary Act	Borden/Carleton Scales Wood Islands Scales	100
Animal Health Act	Borden/Carleton Scales Wood Islands Scales	49 1
Fisheries Product Act	Borden/Carleton Scales Wood Islands Scales	2033 62

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales Wood Islands Scales	728	$690.00 $80.00
Oversize	Borden/Carleton Scales Wood Islands Scales	183811	$96,660.00 $1,900.00
Overweight	Borden/Carleton Scales Wood Islands Scales	1662	$18,860.00 $2,400.00
Trip	Borden/Carleton Scales Wood Islands Scales	32112	$77,235.00 $2,880.00
Fuel	Borden/Carleton Scales Wood Islands Scales	324 35	$8,100.00 $875.00
Work	Borden/Carleton Scales Wood Islands Scales	549	$18,400.00 $3,200.00
Non-Compliance	Borden/Carleton Scales Wood Islands Scales	1802	$330900.00 $400.00
Disinfection Fees	Borden/Carleton Scales Wood Islands Scales	113940	$11,932.00 $420.00
Other Category B	Borden/Carleton Scales Wood Islands Scales	0	0.00 0.00
TOTALS	Borden/Carleton Scales Wood Islands Scales	3098119	**$264,957.00** **$9,995.00**

Recorded Violations

Item	Location	Number	Revenue
Roads Act	Borden/Carleton Scales Wood Islands Scales	546	$9,119.00 $1213.00
Highway Traffic Act	Borden/Carleton Scales Wood Islands Scales	96	$1,080.00 $1,280.00
Dangerous Goods Act	Borden/Carleton Scales Wood Islands Scales Portables	0	0
TOTALS	Borden/Carleton Scales Wood Islands Scales	6321	$10,199.00 $2,493.00

Enforcement Officers conduct Commercial Vehicle Safety Alliance (CVSA) roadside inspection of drivers and vehicles and loads carried.

Vehicles inspected fall into three categories:

- Pass (CVSA sticker applied to vehicle)
- Out of Service (vehicle must be towed or repaired before it proceeds)
- Restricted (Vehicle must be repaired before next dispatch).

Driver's inspected fall into two principle areas:

- Non-compliant
- Compliant

These inspections would include hours of service (log book), status of license, required endorsements, etc.

Commercial Vehicle Safety Alliance Statistics

Item	2011-2012	2012-2013
Total Number of Trucks & Truck Trailers Inspected	450	384
Power Units Out Of Service	31	23
Tractor Trailers Out Of Service	15	9

The Portable Scale Unit consists of one vehicle and portable wheel weigher scales. The unit is staffed by two permanent full-time officers.

Officers enforce the *Roads Act*, Vehicle Weight Regulations, *Highway Traffic Act*, *Transportation of Dangerous Goods Act*, Fuel Tax, *Plant Health Act* and *Animal Health Act.*

Portable Scales Statistics

Charges	Revenue
127	$ 29,566.00

Carrier Management
The National Safety Code Auditor completed 14 educational visits to carrier locations throughout the province. As well, there were thirteen Carrier Audits completed and three presentations to transportation groups on the new Hours of Service Regulations.

Dealer Audits
Highway Safety Officers completed audits of the Licensed Dealers in P.E.I. These audits are to ensure compliance with the regulations for holding a Dealer's Trade License.

Public Works and Planning Division

The Division provides the staff and resources required to:

- Complete strategic planning for the highway network and other transportation sectors.
- Complete the design and construction of new, as well as, renovation of existing buildings for Government departments, boards, and agencies.
- Operate and maintain building owned or leased by the Department.

General activities and specific projects carried out by each Section are summarized as follows:

PLANNING

The Planning Section is responsible for the assessment and analysis of transportation requirements and policies within the Province, including road, air and marine modes. This section also provides professional engineering support and direction, as resources permit, in the following areas:

- strategic and functional highway planning;
- participation in numerous federal/provincial/territorial committees working on transportation policy issues;
- strategic federal policies, regulations, infrastructure and services on Prince Edward Island;
- creation of briefing packages for national and regional meetings attended by the Minister and Deputy Minister;
- creation of preliminary design options;
- department representation during the planning and implementation of infrastructure development projects on behalf of municipalities and community development groups;
- preparation and review of traffic studies, site impact analysis, and level-of-service analysis;
- facilities planning;
- project management support and supervision for special projects relating to transportation planning, design and highway construction; and
- support and planning with regard to the implementation and management of transportation research initiatives and new technologies which have the potential to contribute to the enhanced economic development by improving safety and efficiency on the provincial highway network.

Planning Section staff represent the Province on several national, international, regional, and provincial committees, including the following:

- Aviation Standing Committee
- Policy and Planning Support Committee (PPSC)
- NHS Review Task Force
- National Vision for Transportation in Canada Task Force
- 511 Traveler Information Task Force
- Sustainable Transportation Task Force
- Intercity Bus Service Task Force
- Atlantic Canada Airports Association
- Board of Examiners, Land Surveyors Association (Chair)
- Atlantic Provinces Transportation Committee
- Atlantic Intelligent Transportation Systems Committee
- North Atlantic Transportation Planning Officials
- Atlantic Provinces Transportation Forum
- Canadian Transportation Research Forum

In addition, the section is responsible for monitoring activity and progress of various other committees and task forces where relevant.

The Planning Section was involved in various projects, including the following:

National Highway System
Following the success of the Planning section's efforts to expand the National Highway System (NHS) in 2004 and 2005, work has continued on the F/P/T NHS Review Task Force to address the need for ongoing review of the NHS and development of a regular report card on NHS condition and performance nation-wide. On PEI, Routes 1, 1A, 2, and 3 comprise the NHS.

Atlantic Canada Transportation Strategy
At the direction of Atlantic Ministers of Transportation, a task force was formed in the fall of 2005 to develop an Atlantic Canada transportation strategy. The Planning section represents the province on this task force. The strategy document, entitled "*Charting the Course: Atlantic Canada Transportation Strategy 2008-2018*" was released by Atlantic Ministers responsible for transportation in January 2008. The strategy identifies a common vision for regional transportation, strategic regional multi-modal infrastructure, challenges facing

rtation in Atlantic Canada, and an action plan to address these challenges. Progress on issues ed in the Strategy is measured each year, and an annual progress update is planned, pending Atlantic rs approval.

ortation Infrastructure Needs

sessment of road infrastructure needs is ongoing. Road infrastructure needs are monitored regularly mmarized often to quantify the need, enabling effective planning for infrastructure funding. The es National Highway System is the primary highway in the Province; monitoring and addressing its ucture needs remains a priority. To this end, the Planning Section works with the Capital Projects to update the need assessment for this network as required, including road and bridge ruction and rehabilitation.

ortation and Infrastructure Renewal Strategic Plan

staff led other Department staff to begin development of a strategic plan for the department. This ll identify key challenges and trends facing the Department, and will identify key goals, performance es, and actions planned over the next 3 years.

al Vision for Transportation in Canada

staff represented the Department and Province in the ongoing development of a national vision for rtation, covering the next 20 years. The development of this document is being led by the national of Ministers Responsible for Transportation and Highway Safety. It will identify challenges and facing transportation nationwide, and will make a case for and guide transportation infrastructure ent going forward.

NG DESIGN AND CONSTRUCTION

ilding Design and Construction Section is responsible for the design and preparation of tender nts required for the construction or renovation of various government and client buildings; as well as ervision and inspection of construction work to ensure that contracts are completed in accordance ns, specifications, and budget allocations. The design work is either performed by staff or private ants, engaged for a specific project. The design and planning work includes the following:

- evaluation of existing buildings
- development of concept plans
- preparation of cost estimates
- preparation of working drawings and specifications required to obtain tenders, receipt of **tenders and** preparation of construction contracts
- construction contract administration and quality control
- preparation of request for proposals covering required consultant and construction management services and evaluation of these proposals.

s Heat

ision provided consulting and project management services required to obtain contracts covering the n of biomass heat for 4 Government facilities; three of the biomass heating plants were operational nd of March.

als covering the provision of biomass heat for a number of additional facilities are under review.

n of biomass heat at these facilities, in lieu of fuel oil, will reduce green house gas emissions and economic stimulus related to fuel production, construction and system operation.

ts covering the provision of biomass heat have been awarded for:

- nity Hospital O'Leary
- Oaks High School
- d High School
- Wood Manor

Construction Management, with multiple trade contract packages, was used for the QEH Day Surgery Renovation project, in lieu of the traditional lump sum general contract tender. This approach expedited the project, and increased the amount of competition.

Design work was completed and tenders were received during the year for the following projects:

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED
April 1, 2012 - March 31, 2013

Summerset Long-Term Care Facility - April 12, 2012	
Interior Visions	$71,259.76
Interiors By Lynette	$71,357.00
Town & Country Interiors Inc.	$113,990.00
Prince Street School - Partial Roof Replacement (Invited) - April 19, 2012	
Atlantic Roofers	$95,887.00
Ashe Roofing	$98,480.00
Various Schools - Building Envelope Caulking- April 19, 2012	
MacLean Construction	$55,080.00
CDI Construction	$58,800.00
Capital Caulking	$68,000.00
City Glass	$76,466.00
O'Connor Glass	$105,000.00
Clearview Integrated Window	$178,750.00
Birchwood Intermediate School - Sidewalk Replacement - April 19,2012	
WM&M Ltd.	$13,757.00
Island Coastal Services Ltd.	$15,620.00
Ostridge Bros. (1983)Inc.	$22,970.00
PE Home LTC Facility TP#13 - Site Work (2012)- May 1, 2012	
Kings County Construction	$339,475.00
Island Coastal Services	$392,000.00
AJL Ltd.	$469,000.00
Spring Park School - TP#18 - Millwork - Mechanical - May 2, 2012	
Haye Enterprises Inc.	$336,515.00
Harding and Thomson Inc.	$356,999.00
Nova Wood Products Ltd.	$359,175.00
Westisle High School - Carpentry Shop Air Supply (Invited) - May 3, 2012	
Poirier Heating and Cooling	$21,846.00
Sherbrooke Mechanical	$23,500.00
Gavan Gill Inc.	$24,425.00
Advanced Air Systems Inc.	$24,445.00
East Wiltshire School -Aluminum Entrance Replacement (Invited) - May 3, 2012	
City Glass	$16,580.00
Thermotech Industries Inc.	$19,504.46
O'Connor Glass Ltd.	$22,041.00
Royal Door Ltd.	$25,960.00
Ecole Francois Buote - School & Community Addition/Renovation - May 23, 2012	
WM&M Ltd.	$2,785,850.00
MacLean Construction	$2,796,000.00
Brighton Construction	$2,825,000.00
Fitzgerald & Snow Ltd.	$2,958,000.00
Wellington Construction	$3,015,450.00

LCC Warehouse -Lighting Upgrade- June 7, 2012	
Olympia Electric	$30,700.00
Capital Electric	$39,700.00
Entire Mechanical Contractors	$43,000.00
AMAC (2004) Ltd.	$45,200.00
Hansen Electric	$46,000.00
Jamieson Electric	$57,700.00
Glen Stewart - Partial Roof Replacement- June 7, 2012	
Atlantic Roofers	$24,786.00
Ash Roofing	$26,575.00
Bluefield High School - Partial Roof Replacement - June 14, 2012	
Ash Roofing	$79,600.00
Atlantic Roofers	$87,997.00
Summerset LTC Facility TP#11 - Signage - June 26, 2012	
Sign Station Inc.	$23,122.51
Day Nite Neon Signs	$26,495.00
Radon Mitigation Systems-Rollo Bay EYC & Souris Consolidated- June 26, 2012	
Prompt Plumbing Inc.	$18,580.00
Blair LaPierre Inc.	$24,665.00
Precision Mechanical	$26,500.00
Entire Mechanical Contractors	$29,800.00
Montague Consolidated School - Partial Roof Replacement - July 4, 2012	
Atlantic Roofers	$54,997.00
Ash Roofing	$59,910.00
Vernon River - Parking Lot Upgrade - July 4, 2012	
Chapman Bros. Construction	$34,800.00
M & M Resources Inc.	$35,350.00
Island Construction Ltd.	$39,857.00
Charlottetown Rural - Masonry Repair - July 4, 2012	
WM&M Ltd.	$44,600.00
Parkside Elementary School - Selective Repairs - July 4, 2012	
MacLean Construction Ltd.	$98,500.00
Royalty Centre - Archives Renovation - July 10, 2012	
WM&M Ltd.	$219,000.00
MacLean Construction Ltd.	$241,400.00
Gulf Shore - Early Years Centre - July 31, 2012	
WM&M Ltd.	$150,000.00
Ryson Construction	$167,000.00
MacLean Construction	$182,325.00
Ecole Evageline - Boys Washroom Renovaton - August 28, 2012	
WM&M Ltd.	$28,900.00
Wellington ConstructionLtd.	$28,995.00
GIA Ltd.	$30,500.00
MacLean Construction Ltd.	$47,250.00

IWMC Head Office - Interior Renovations - August 28, 2012	
Brighton Construction	$134,000.00
WM&M Ltd.	$135,200.00
Milton Jenkins Construction	$143,700.00
MacLean Construction	$185,300.00
501 Queen Street - Partial Roof Replacement - September 13,2012	
Atlantic Roofers	$151,927.00
Ashe Roofing	$152,745.00
Royalty Centre - Partial Roof Replacement - September 13,2012	
Ashe Roofing	$104,400.00
Atlantic Roofers	$106,927.00
Queen Elizabeth Elementary - Electric Humidifier Replacement - September 13, 2012	
Entire Mechanical Contractors	$47,460.00
Bevan Bros. Ltd.	$49,875.00
Precision Mechanical	$58,600.00
Tignish Elementary School - Electric Humidifier Replacement - September 13,2012	
Entire Mechanical Contractors	$72,135.00
Bevan Bros. Ltd.	$78,435.00
Precision Mechanical	$86,270.00
Bloomfield Elementary - Packaged Wastewater Treatment System - September 21, 2012	
AJL Ltd.	$142,455.00
Alberton LCC - Renovations - October 18, 2012	
WM&M Ltd.	$44,279.00
GIA Ltd.	$65,339.00
Royalty Centre Archives - Additional A/C Units - October 18, 2012	
J&S Sheet Metal Ltd.	$36,650.00
Gavan Gill Inc.	$47,632.00
Control Air Systems Inc.	$48,600.00
Entire Mechanical Contractors	$52,000.00
Poirier Heating and Cooling	$53,446.00
Selective Demolition - Nurses Station Level 200 Western Hospital - October 30, 2012	
Craig Construction & Cabinet Making ltd.	$6,370.00
GIA Ltd.	$9,600.00
Stewart Memorial Hospital - Oil Tank Replacement - November 2, 2012	
GNL Environmental Inc.	$19,745.36
Creeds Volumetric Measuring Services Inc.	$35,980.00
Noye Enterprises	$39,894.00
QEH Day Surgery - TP#1 Demolition - November 6, 2012	
MacLean Construction	$105,765.00
Fitzgerald & Snow (2010) Ltd.	$155,600.00
WM&M (1993) Ltd.	$173,000.00
Western Hospital - Nurses Station A/C - November 7, 2012	
Entire Mechanical Contractors	$8,200.00
Poirier Heating and Cooling	$13,846.00
Gavan Gill Inc.	$14,252.00

PAB Complex - Fountaion Removal - November 20, 2012

WM&M (1993) Ltd.	$57,000.00
Fitzgerald & Snow (2010) Ltd.	$61,780.00
Brighton Construction	$71,200.00

LCC Warehouse - Exterior Wall Upgrade - November 20, 2012

OMD Construction & Consulting	$32,215.00
Highfield Construction Company Ltd.	$41,350.00
WM&M (1993) Ltd.	$45,300.00
MacLean Construction	$47,252.00
Brighton Construction	$47,990.00

Beach Grove Home - Dehumidification - Sunset Wing - November 22, 2012

Entire Mechanical Contractors	$71,400.00
J&S Sheet Metal Ltd.	$88,700.00

Harbourside Health Centre - Nurses Station Renovation - November 22, 2012

OMD Construction & Consulting	$27,300.00
MacLean Construction	$37,300.00

Parkside Elementary - Ventilation Upgrade - December 3, 2012

Entire Mechanical Contractors	$102,200.00
Gavan Gill Inc.	$102,400.00
Poirier Heating and Cooling	$110,846.00

Souris Consolidated - Ventilation Upgrade - December 3, 2012

Entire Mechanical Contractors	$47,200.00
Gavan Gill Inc.	$48,640.00

J. Frank Gaudet Tree Nursery - Greenhouse Demolition - December 4, 2012

G&P Trucking and Construction Ltd.	$32,500.00
Island Coastal Services Ltd.	$37,146.14
VanKampen Greehouse Ltd.	$40,000.00
Vector Demolition Inc.	$41,890.00
Clearview Trucking and Excavation Ltd.	$44,760.00
Nicholas Halman	$58,898.00

Montague Intermediate School - IA & Music Addition - December 20, 2012

Brighton Construction	$1,292,300.00
WM&M (1993) Ltd.	$1,293,000.00
MacLean Construction	$1,296,000.00
Fitzgerald & Snow (2010) Ltd.	$1,432,000.00

Spring Park School - LCD & Smartboard Installation - January 17,2013

Precision AVA	$16,085.13
TCS Computer	$16,335.00
Backman Vidcom Ltd.	$20,975.00

Wedgewood Manor - Dehumidification Sea Wing - January 17, 2013

Poirier Heating and Cooling	$58,746.00
Entire Mechanical Contractors	$67,650.00

QEH Day Surgery - TP#2 - Interior Fit-Up - January 22, 2013

MacLean Construction	$1,657,000.00
WM&M (1993) Ltd.	$1,781,000.00
Fitzgerald & Snow (2010) Ltd.	$1,805,000.00

QEH Day Surgery - TP#4 - Cabinetry and Millwork - January 22, 2013	
Storemark Inc.	$199,117.00
Hay Enterprises Inc.	$203,668.00
QEH Day Surgery - TP#5 - HVAC, Plumbing, Medical Gas & Sprinkler - January 22, 2013	
Entire Mechanical Contractors	$2,228,000.00
Bevan Bros. Ltd.	$2,489,000.00
Precision Mechanical	$3,287,000.00
QEH Day Surgery - TP#6 - Electrical - January 22, 2013	
DBA Solar Electric	$914,825.00
Olympia Electric	$916,000.00
Hansen Electric	$1,115,000.00
QEH Day Surgery - TP#3 - Flooring -January 31, 2013	
Loyalist Marble & Tile Ltd.	$343,000.00
TileMaster Inc.	$347,000.00
Eastern Kings Health Centre - Renovation - January 31, 2013	
McGuirk Bros.	$146,450.00
WM&M (1993) Ltd.	$161,600.00
Cahill Construction	$163,950.00
Brighton Construction	$187,000.00
MacLean Construction	$189,900.00
Kensington Post Office - Renovation - February 12, 2013	
GIA Ltd.	$188,100.00
McGuirk Bros.	$210,500.00
Privateers Enterprises Inc.	$224,000.00
MacLean Construction	$234,720.00
Wellington Construction	$235,372.00
Milton Jenkins Construction	$239,000.00
Remley Construction Ltd.	$240,000.00
Brumac Construction Ltd.	$243,800.00
WM&M (1993) Ltd.	$258,650.00
OMD Construction & Consulting	$260,000.00
Beach Grove Home - Parking Lot Light - March 13, 2013	
Olympia Electric	$18,600.00
Hansen Electric	$19,500.00
DBA Solar Electric	$22,655.00
R. Cudmore Electric	$22,999.00
Capital Electric	$29,300.00
Central Queens Elementary - Partial Roof Replacement - March 14, 2013	
Atlantic Roofers Ltd.	$115,917.00
Ashe Roofing Ltd.	$119,800.00
A-Tech Roofing Ltd.	$154,600.00
Flynn Canada Ltd.	$198,950.00
Three Oaks Senior High School - Partial Roof Replacement - March 14, 2013	
Atlantic Roofers Ltd.	$65,970.00
Ashe Roofing Ltd.	$68,250.00
A-Tech Roofing Ltd.	$102,580.00
Flynn Canada Ltd.	$135,875.00
PE Home - TP#12 - Directories & Signage - March 26, 2013	
Sign Craft Inc.	$33,906.00
Sign Station Inc.	$39,765.00

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2013:

- Provincial Analytical Lab
- Fire Fighters Training Centre
- Prince County Hospital Dialysis
- Three Oaks Senior High Trades Facility
- Margaret Stewart Ellis Long Term Care Addition

Building Maintenance and Accommodations Section

The Building Maintenance and Accommodation Section is responsible for the provision of quality services for Government in the areas of building operations, maintenance, and accommodations; including the day to day operation and maintenance of Government buildings and systems. It is also responsible for the short and long term spatial requirements of Government Departments and Agencies within Government owned and/or leased facilities.

Building Maintenance and Accommodations Section projects included:

Island Wide Services

- Elevator maintenance contracts
- Snow removal contracts
- Grass cutting contracts
- Pest control services
- Garbage removal
- Janitorial contracts
- Security services
- Leasing of office space
- Accommodations requests

Kings County

Lea Crane Building
- Install two (2) electric door openers
- Install fence around generator

Kings County Court House
- Installation of new eaves through
- Clean and repoint sandstone
- Paving in parking lot

Montague office Complex
- Paving of parking areas

Orwell Historic Village
- New furnace in store and house

Montague Food Bank
- Removal of overhead door and infill wall

Access Montague
- Renovations to main entrance way

Rollo Bay School
- Upgrade of fire alarm and emergency lighting
- Replacement of oil tank

Prince County

Tyne Valley Youth Centre
- Replacement of counter tops
- Repairs to stone patios, down spouts & clean stone work

Mt. Pleasant Vic
- Repairs to main signage

O'Leary Access and Vet Clinic
- New boiler installation

109 Water Street
- Interior painting

Summerside Youth Centre
- Repairs to sidewalks
- Repairs to 4 four brick corners on building
- Paint exterior of storage shed

Summerside Courthouse and Jail
- Repairs to sidewalks
- New asphalt roof installed

Acadien Museum
- Repairs to water board and painting

Access Alberton
- Oil tank replacement

Access Summerside
- Repairs to air conditioning coil

St. Eleanors House
- Removal of old building
- Repairs to floor in main house

Borden Scale House
- New counters for weigh area
- New scale weigh indicators

Queens County

Cavendish VIC
- New hot water boiler and water heater
- Maintenance painting interior and exterior
- Removal of dead trees
- New signs for guard house
- Exterior painting Phase 2

Provincial Administration Complex
- Enhanced security procedures were undertaken
- A Security Consultant was engaged to assist in this initiative

Shaw Building

- Flooring installed on second floor centre
- Flooring repairs done to 5th floor north
- Painting done on 2nd floor Shaw Centre and 5th floor North
- Various areas received new blinds and lights
- Fountain renovations
- Data wiring upgrade on all floors
- Maintenance repairs and painting done through out building .
- Security upgrades
- Install new fire hoses in cabinets

Sullivan Building

- Data wiring upgrade on all floors
- Installation of second power distribution centre in main computer room
- Carpet purchased for 4th floor
- Various floors received new carpet, painting blinds and lights
- New sewer lift station in boiler room
- Repairs to heating lines 5th floor
- Install new fire hoses in cabinets
- Security upgrades
- Maintenance repairs and painting done through out building

Jones Building

- Data wiring upgrade on all floors
- Install new fire hoses in cabinets
- Security upgrades
- Flooring installed on 4th and 5th floors
- Painting done on 4th and 5th floors
- New motor control centre installed
- New climate control system upgrade installed
- St. Paul's Rectory
- Renovations to4 and 5th floors to accommodate new tenants
- Installed some new bathroom partitions
- New suspended ceilings install at front and back entrances all floors
- Stairwell doors painted
- Removal of Islands in parking lot and paved over
- New 75 Hp motor installed on AHU
- Maintenance repairs and painting done through out building
- Main Air handing unit cleaned and disinfected

Provincial Correctional Centre

- Supply air to intake to boiler room modified
- Removal of old woodworking trailer
- Supply and Installation of new kitchen equipment
- Installation of new walk-in freezer
- Window upgrades to administration area
- Painting of minimum unit
- New unican lock installed on administration door
- New water meters installed
- New sewer lift station installed and hooked to city system

Coles Building

- Data wiring upgrade on all floors
- Repairs to elevator installed new stepper
- Maintenance repairs and painting done through out building

Customs House

- Exterior doors refinished

Mona Wilson

- Exterior of building washed

Davis Law Courts
- Repairs to hardwood floors
- Installation of exterior lights

Province House
- Installation of computer access points

Province House Annex
- Master key doors in building

St. Pauls Rectory
- Install electrical plugs for A/C units
- Installed new A/C units

Aubin Arsenault
- Refinish hard surface flooring
- Repaired windows in basement

LAND AND ENVIRONMENT DIVISION

The Land and Environment Division is comprised of three Sections including Environmental Management, Properties and the Office of the Provincial Chief Surveyor. The Division provides the staff and resources required to:

- provide environmental management and regulatory compliance services for the Department, and for others conducting activities within the Provincial Right-of-Way;
- provide core land management and administration for all government lands and holdings, and real estate services on behalf of all government departments; and
- provide land and engineering surveying services for the Department and other government agencies, provide expertise on boundary law and the law on public roads, and maintain the Provincial cadastral infrastructure.

General activities and specific projects carried out by each Section are summarized below.

ENVIRONMENTAL MANAGEMENT SECTION

The Department's Environmental Management Section (EMS) is responsible to ensure environmental management and regulatory compliance during construction and maintenance work performed by the Department, or by others, within the Provincial Right-of-Way (ROW). The Section implements an Environmental Management System that includes the following key elements: departmental project approval process; environmental protection planning; project inspections and compliance monitoring; environmental education and training; environmental design and planning; policy/program development; environmental assessments and studies; and, public consultation and public partnering projects. Highlights of the Section's activities are provided below.

PROJECT REGISTRATION AND APPROVAL PROCESS

The Department's approval process remains the cornerstone for environmental control on a project-by-project basis. This process requires that each maintenance or construction project, or any work activity by others within the Provincial ROW, be registered with the Environmental Management Section (EMS) through submission of a project application form and/or with a site meeting. Subsequently, the proposed projects are inspected and assessed for potential environmental effects, and an approval-to-proceed is issued, complete with project specific conditions-of-approval. All field staff working within the Environmental Management Section are designated as Environmental Protection Officers under the *PEI Environmental Protection Act*. All approvals issued by the EMS are issued under authority of the self-permitting agreement that has been developed between the Department of Transportation and Infrastructure Renewal and the Department of Environment, Labour and Justice (DELJ).

Project Approvals

The EMS issues four types of project approvals. The type of approval issued is based an assessment of the environmental risk associated with the project, the time of year, and the method in which the project will be completed. The four types of project approvals are:

- Blanket Approval;
- Field Approval;
- Approval-to-Proceed; and
- Approval-to-Proceed with accompanying Watercourse, Wetland or Buffer Zone Activity Permit issued by DELJ.

The Section processed 291 environmental assessments/project approvals during 2012/2013, including 200 field approvals. A summary of the 291 approvals issued during the year is provided in the table below. They are categorized by county and approval-type. Typically, each approval involves a pre-construction project site inspection, identification of job-specific conditions-of-approval, issuance of the approval-to-proceed, and follow-up environmental compliance inspections on each project.

2012 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DELJ Permit	Total
Prince	6	7	52	6	71
Queens	6	30	61	15	112
Kings	6	9	87	6	108
Province	18	46	200	27	291

Blanket Approvals

Across the Province, the Department conducts several activities that are repetitive in nature with low potential for causing adverse environmental effects. To simplify the approval process for these types of activities, the activities have been grouped by activity-type and each activity-type has been assigned a blanket approval with standardized conditions-of-approval. Generally, a blanket approval provides authorization for multiple projects of the same activity-type to be completed under a district by county-based approval.

EMS now issues blanket approvals to the Department's Highway Maintenance Division (HMD), Bridge Maintenance Section, Capital Projects Division, Confederation Trail Program, as well as Canada Post and Maritime Electric. The issuing of these approvals streamlines the project registration and approval process, while at the same time, maintaining established standards of environmental protection. A summary of projects completed in each county during 2012/2013 for the various blanket approval types is provided in the following table.

2012 Blanket Approval Summary

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings, Gravel and/or Asphalt Placement	38	32	11	81
Road Bump Installations	-	2	1	3
Shore Access	1	2	4	7
Maintenance of Environmental Controls	26	28	25	79
Guardrail Reinstatement (with shoulder work)	10	34	10	54
Confederation Trail Surface and Slope Repairs	4	7	6	17
Confederation Trail Vegetation Management	-	2	-	2
Welcome Mat Maintenance (i.e. asphalt, painting, etc.)	-	-	5	5
Ditching	36	20	45	101
Brush Cutting	102	72	98	272
Timber Pile Bridge Minor Repair	2	5	6	13
Unpaved Road Improvements With/Without Ditching (not within 30 m of Watercourse/Wetland)	6	19	18	43
Surface Water Cross Culvert Replacement	6	17	13	36
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	4	13	11	28
Maintenance of Provincial Tap Drains	-	3	5	8
Repair/Replace Timber Floors	3	7	4	14
Shoulder Grading/Planing & Material Placement	21	60	26	107
Box, Arch and Round Culvert Maintenance	-	3	1	4
Painting Bridge Structures	-	1	-	1
Road Re-Construction incl. Widening of Shoulders and/or Addition to Turning Lanes	-	1	1	2
Debris Removal From Structures	1	6	1	8
Install Waterless Washroom	-	1	-	1
Asphalt Overlay	2	12	7	21
Total Blanket Approval Projects	262	347	298	907

Field Approvals
The field approval enables a project proponent to receive an approval-to-proceed from the EMS Environmental Officer at the initial site meeting, with no additional paperwork or submission requirements. Most projects that receive a field approval have a greater potential for causing environmental impacts that those projects that would receive an EMS Approval-to-Proceed. In 2012/2013, 200 field approvals were issued.

EMS Approval-to-Proceed
The EMS Approval-to-Proceed permit allows our Environmental Management Section to issue approvals for projects that present a higher degree of environmental risk. Each proposed project is subject to an application process that provides a Departmental Environmental Officer with an opportunity to review the project, workplan, timeframe, assess the potential impacts, and develop a set of conditions to be followed. In 2012/2013, 46 EMS Approval-to-Proceed permits were issued.

EMS Approval-to-Proceed with DELJ Watercourse, Wetland, or Buffer Zone Activity Permits
Projects which are approved under the EMS Approval-to-Proceed with DELJ Watercourse, Wetland, or Buffer Zone Activity permits are subject to review by EMS, the Provincial Department of Environment, Labour and Justice and, in some circumstances, Fisheries and Oceans Canada. These types of projects include activities which are considered to be of significant risk to the environment. Similar to the EMS Approval-to-Proceed permit, projects approved under this type of permit are subject to an application process, which involves a review of the project, workplan, timeframe, and an assessment of the potential environmental impacts. Upon completion of the review, an approval with specific conditions is issued. In 2012/203, 27 EMS Approval-to-Proceed with DELJ Watercourse, Wetland, or Buffer Zone Activity Permits were issued.

Environmental Audit Results
A joint end-of-construction season environmental audit was conducted in the Fall of 2012, with representatives from the EMS, the Department of Environment, Labour and Justice and Fisheries and Oceans Canada. Twenty-eight projects were audited from across the Province. The audit results, which rate project compliance with assigned conditions-of-approval, conclude that TIR projects conducted in 2012 construction season met their associated environment requirements. This rating is consistent with the Department's environmental performance for previous years, indicating consistently strong environmental performance by the Department, with opportunities for improvement, training, and ongoing communication.

MISCELLANEOUS INITIATIVES AND SERVICES
The EMS is involved with completing or coordinating a variety of additional environmental initiatives/services. Some of the more notable are described below.

Harmful Alteration Disruption or Destruction (HADD) Habitat Banking Initiative
TIR undertakes a limited number of projects that may result in a harmful alteration, disruption or destruction of fish habitat, known as HADD. For these projects, EMS staff negotiate with Fisheries and Oceans Canada to determine appropriate compensation for the HADD; this negotiation is very time consuming, expensive, and often difficult to resolve. Our Department, like many jurisdictions across Canada, has established a Habitat Bank. This bank allows us to continue our beneficial partnerships with local watershed groups in improving and creating fish habitat. Such habitat enhancement and creation projects are measured, assigned a HADD Credit amount, and the results "banked." This bank is then available for "withdrawals" against Department projects that result in HADD. The Department continues to work with Fisheries and Oceans on this initiative.

Joint Committees
In 2009, two committees were formed to further improve communication and cooperation between staff with our Department and local/regional Fisheries and Oceans Canada, as well as Provincial Department of Environment, Labour and Justice. A management committee and a technical committee, both comprised of members of these agencies, meet on an ongoing basis. The Committees continue to meet to address ongoing cooperation and communication toward successful working relationship with overlapping roles of regulation and compliance.

Training Delivered
In 2012/2013, EMS staff coordinated environmental management round-table discussion sessions with several TIR Divisions. The topics of these sessions included TIR environmental policies and procedures, changes to the *Environmental Protection Act*, as well as the installation of proper environmental controls and activities such as in-stream culvert work, ditching, etc. EMS staff also made presentations to staff with the Highway Maintenance Division and Confederation Trail Program at Spring Orientation sessions.

Policy and Program Development
The EMS develops and/or administers various Departmental policies and programs to assist in providing structured implementation of Departmental objectives and activities. The policies ensure that a consistent and clear approach to specified activities is understood and followed by the Department, as well as external agencies or persons such as engineering consultants, contractors or municipalities performing these same activities within the Provincial ROW.

Programs
- Adopt-A-Highway Program
- Agricultural Siltation into ROW
- Environment Fund Program
- Fish Passage Restoration Program
- Environmental Audit Program
- Joint Beaver Management Program with DELJ

Policies
- Highway-Related Beaver Management
- Seeding Policy
- Fuel Spill Response Procedures
- Water Well Replacement Policy
- Wetland Conservation Policy
- Culvert Sizing Policy
- Approval-to-Proceed Renewal/ Modification/Extension Policy

Designated Scenic Heritage Roads
The EMS implements a Management Strategy for Designated Scenic Heritage Roads (DSHR). The strategy recognizes that the historical and aesthetic value of the DSHR are best protected through limited disturbance and change, and provides a practical guide for implementation of cost-effective protection methods to maintain the heritage of these unique roads and their surrounding sensitive environments, including watercourses. Designation and administration responsibilities for scenic heritage roads are outlined in the *Roads Act*. The EMS ensures best management and minimal disturbance of the 12 DSHR through reviewing and approving works undertaken on these roads in consultation with a provincial wildlife biologist.

Agriculture-Related Work
In an effort to control the potential effects of agriculture-based projects on the Provincial ROW, the EMS established a protocol with the Provincial Agriculture Department that requires their identification of proposed projects through submission of Project Registration Applications to the EMS. The EMS then coordinates onsite project assessments with Agriculture representatives to identify and resolve any Department-related issues including methods to avoid ROW impacts, cost responsibility for any associated Department work, restoration requirements for affected ROW areas, etc.

Agricultural Encroachment on ROW
Each year, Provincial ROWs are significantly impacted by agricultural operations in a number of locations across the Province. These impacts include: excessive stormwater flow being directed into the ROW; eroded sediment depositing in ditches and culverts; liquid manure flowing into ditches and culverts; and, vegetable processing wash water being directed into ditches and culverts. EMS staff identify these encroachments, gather applicable information and forward a complaint to the Provincial Agriculture Department who, in turn, work with the land owner and TIR to rectify the problem.

Adopt-A-Highway Program
Building on the success of the Federated Women's Institute Annual Roadside Cleanup, this Program enables Islanders to expand their efforts to combat roadside litter. The EMS, with the assistance of the Provincial Environment Department, developed the Adopt-a-Highway Program and coordinates implementation of the program for the Province. Businesses, community groups and organizations can adopt a minimum five kilometre section of Island roadway and agree to conduct a Fall and Spring cleanup each year.

Fish Passage Restoration Program
The EMS and HMD continue to work with local watershed groups from across the Province, the Atlantic Salmon Federation, and the Provincial Department of Environment, Labour and Justice, to identify and repair fish passage barriers at highway culverts.

Environmentally-based Community/Public Partnering Projects
The EMS annually coordinates the Department's involvement in a variety of environment-related community/public partnering initiatives that enhance the environment or provide environmentally beneficial results for the general public. These requests for assistance typically involve work that can be grouped into four categories: sediment control; fish passage restoration; erosion control; and community access. Department work may involve in-kind provision of materials or services by the EMS and Highway Maintenance Division. The EMS worked with 18 local community and watershed-based groups in 2012/2013, to coordinate the completion of more than 35 watershed-based improvement projects.

Beaver Management
The EMS coordinates a Beaver Management Program, consistent with the Department's Beaver Management Policy, developed to address the problem of highway culverts frequently being obstructed by beaver activity. During the period of May-November, three Beaver Management Workers (BMWs) are hired to pro-actively identify and address road-related beaver problems across the Province, using the preferred management method of "by hand" restoration. This program is a cooperative cost-shared program between the EMS and the Forests, Fish and Wildlife Section of DELJ. The cost of hiring the BMWs is small compared to the potential cost of responding to emergency events such as floods and washed-out roadway culverts caused by beaver activity, as well as potential damage to surrounding property and aquatic ecosystem. The BMWs identified and managed beaver problems at 81 sites in 2012/2013.

Committee Participation
The EMS represents the Department on a number of inter-governmental and external committees. The following is a list of some committees that the EMS has participated on:

- Stanley/Hope River Watershed Stewardship Committee
- Transportation Association of Canada (TAC) Environment Council
- Transportation Association of Canada (TAC) Road Salt Working Group
- Provincial Environmental Assessment Review Committee
- Information Technology Committee
- Litter Awareness Committee
- Natural Areas Protection Act Committee
- Provincial Government Climate Change Committee
- Provincial Land Use Coordinating Committee
- Upton Farm Trust Committee
- Bonshaw Hills Public Land Management Committee

Regulatory Approvals and Environmental Assessments
On behalf of the Department, the EMS acquires project approvals from external Federal and Provincial regulators, and coordinates the completion of Federal assessments/screenings for larger capital projects. The common types of approvals acquired include *Navigable Waters Protection Act* (NWPA) Approvals, Harmful Alteration, Disruption or Destruction (HADD) of fish habitat authorizations, Environmental Screenings under the *Canadian Environmental Assessment Act* (CEAA), and Watercourse/Wetland Alteration Permits.

NWPA Approvals
Administered by Transport Canada, NWPA approvals are acquired primarily for the Department's bridge replacement projects, and are intended to ensure that the public's right of navigation is protected from works which might interfere with navigation. The NWPA approval process includes submission of an application with project design plans and a project-specific environmental assessment (CEAA Screening), public advertisement of the project, and stakeholder consultations. The EMS submitted NWPA applications and coordinated associated requirements of the approval process for the Hunter's Creek (Baltic), Wellington, Poplar Grove, Glenfinnan and Flat River Bridge replacements.

CEAA Screenings
Projects that involve federal funding, or have a federal department designated as the lead regulating agency, often require submission of a *Canadian Environmental Assessment Act* Environmental Screening report for review and approval. In 2012, the Department undertook a joint federal-provincial environmental assessment of a major highway project on the Trans Canada Highway between Bonshaw-New Haven. This 6.2 km project of new and upgraded highway was funded by the Atlantic Gateway Funding Program and required a full-scale federal-provincial environmental assessment. The assessment was completed in early October, 2012.

PROPERTIES SECTION

General Activities
The Properties Section is responsible for the provision of real estate services on behalf of all government departments in regards to the ownership of provincial properties. Examples of the types of real estate services that are commonly provided are as follows:

- Appraisals
- Acquisitions
- Disposals
- Negotiations
- Marketing
- Leasing
- Building Demolitions
- Expropriations
- Title Research
- Paralegal Services
- Consulting
- Property Management
- Public Tenders
- Public Relations

Real estate services are also provided to other government agencies such as the English Language School Board, Health PEI, PEI Energy Corporation, Island Waste Management Corporation, PEI Liquor Control Commission, Charlottetown Area Development Corporation, Innovation PEI, as well as the Museum and Heritage Foundation, Holland College, Municipalities and other local development corporations formed to promote economic growth outside the larger municipal centres.

The Properties Section maintains a computer-based filing system (Land Information Management System - LIMS) capable of tracking property inventory, lease renewals, rental payments, properties acquired, sold and leased, production of reports pertaining to provincial land inventory and recording of requests received regarding provincial lands.

Staff members participate on various government committees including the Land Use Coordinating Committee, Provincial Land Review Subcommittee, *Natural Areas Protection Act* Technical Advisory Committee, Resource Land Acquisition Fund Committee and the Rail Land Review Committee.

As of March 31, 2013, there were approximately 2,042 essential properties (totalling 96,208 acres) and 88 surplus properties (totalling 580 acres) held in provincial ownership and under the management of various government departments.
For the period April 1, 2012 to March 31, 2013, the Properties Section received 320 inquiries related to provincial property matters.

Property Leases - April 1, 2012 to March 31, 2013
For the period April 1, 2012 to March 31, 2013, there were 91 lease agreements on 108 provincial properties (1,374.13 approximate acres) generating a revenue of $40,432.00 for this period.

In addition, there were an additional 263 lease or licence agreements on 515 provincial properties that are not revenue generating, i.e., leased to communities or nonprofit organizations for a nominal sum. This number also represents licences to complete activities on the Confederation Trail and within the road right-of-way when approved by the appropriate authority.

Property Acquisitions (Not RLAF) - April 1, 2012 to March 31, 2013
(RLAF - Resource Land Acquisition Fund)

Parcel	Location	Acreage	Amount	Notes
252973	Lower Montague	0.23 acres	$0.00	Acquired land and water lot from Public Works and Government Services Canada (PWGSC).
750984	Darnley	0.42 acres	$6,681.77	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
750976	Darnley	0.46 acres	$6,681.77	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
219378	Green Bay	0.75 acres	$4,050.00	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
423897	Tracadie Cross	0.42 acres	$6,050.00	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
238709	Cymbria	0.35 acres	$5,600.00	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
59501	O'Leary	1.65 acres	$10,047.50	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
1057785	Bloomfield Corner	2.04 acres	$4,500.00	Acquired property on behalf of English Language School Board for sewer expansion.
76737	Kensington	0.74 acres	$100,000.00	Acquired property from PWGSC (Kensington Post Office).
25668	East Bideford	40.00 acres	$0.00	Acquired property through land exchange (PID# 25668 for PID# 25924).
1060789	Souris	0.08 acres	$12,000.00	Acquired property to expand the bus entry at Souris High School.
383604	South Pinette	0.97 acres	$13,465.49	Tax sale property transferred to provincial ownership for amount of taxes and legal costs owing.
100024	Souris	0.78 acres	$0.00	Acquired property for new Confederation Trail Development.
673624	Bristol	2.0 acres	$0.00	Property acquired through donation from the Trustees of Bristol United Church.
Total	**14 Properties**	**50.89 acres**	**$169,076.53**	

Property Acquisitions (RLAF) - April 1, 2012 to March 31, 2013
(RLAF - Resource Land Acquisition Fund)

Parcel	Location	Acreage	Amount	Notes
14852	Central Kildare	0.00 acres	$1,805.14	Legal fees associated with negotiations. The property was not acquired due to the inability to purchase this property in one fiscal year.
56069	West Devon	82.00 acres	$4,000.00	Acquired property in partnership with EHJV for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division (EHJV paying $18,500.00).
58552	Alaska	75.00 acres	$27,500.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
81703	Kelvin Grove	0.00 acres	$10,700.00	Acquired the remaining half interest in this property for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
143826	Selkirk	60.00 acres	$18,000.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
161695	Martinvale	235.00 acres	$75,000.00 + $971.25 (wood valuation)	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
271908	Murray Harbour	25.00 acres	$23,000.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division. Final payment of two.
656090	Dromore	6.29 acres	$387.53 (legal fees)	Acquired in partnership with EHJV for Department of Fisheries, Aquaculture and Rural Development. RLAF paid half of legal fees and EHJV paid other half.
705822	Alaska	50.00 acres	$25,000.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
1060946	Conway Sand Hills	50.90 acres	$60,000.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
1060953	Conway Sand Hills	25.40 acres	$30,000.00	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
1061233	Peakes Road	28.00 acres	$22,500.00 + $726.75 (legal fees)	Acquired for the Department of Agriculture and Forestry, Forests, Fish and Wildlife Division.
Total	**12 Properties**	**637.59 acres**	**$299,590.67**	

Easements Granted - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
322347	Summerside	.001 acres	$500.00	Easement granted to City of Summerside for an overhead wire crossing.
424721	Union	0.005 acres	$300.00 admin fee	Right-of-Way granted to legalize access to adjacent property.
774109	Hunter River	0.02 acres	$0.00	Right-of-Way granted over parcels 774109 and 284364 for access from Rte. 13 and parking.
440149	Dunstaffnage	0.16 acres	$500.00 + $300.00 admin fee	Easement granted to Rogers Communications for access over the CNR corridor to PID# 811208.
283200	Milton Station	1.88 acres	$0.00	Right-of-Way granted over the Firefighters' Road and the CNR corridor in exchange for land for cul-de-sac (PID#1056696).
Total	**5 Properties**	**2.066 acres**	**$1,600.00**	

Easements Acquired - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
45609	West Point	0.84 acres	$0.00	Acquired easement for drainage requirements adjacent to MacIssac Rd.
95968	South Freetown	0.47 acres	$0.00	Acquired easement for storm water management.
430207	Cornwall	0.13 acres	$0.00	Acquired easement for storm water management.
1055326	Coleman	0.036 acres	$0.00	Acquired easement for a walkway.
270637	Murray Harbour	0.008 acres	$0.00	Acquired easement for drainage, Riverside Dr., in Murray Harbour.
827238	Kinkora	1.39 acres	$0.00	Acquired easement for open tap drain.
891101	Abrams Village	0.34 acres	$0.00	Acquired easement for open tap drain.
1014729	St. Nicholas	0.62 acres	$0.00	Acquired easement for open tap drain for drainage of Rte 11.
643304	New Perth	0.008 acres	$0.00	Acquired easement for storm water management at Mellish Pond Road.

44230	Knutsford	1.55 acres	$0.00	Acquired easement for tap drain.
836841	Knutsford	2.07 acres	$0.00	Acquired easement for tap drain.
258905	Whim Road	0.39 acres	$0.00	Acquired easement for storm water drainage.
564971	Summerside	0.55 acres	$0.00	Acquired easement for storm water drainage.
100214	Souris	0.01 acres	$0.00	Acquired easement for proposed sidewalk.
491332	New Haven	0.10 acres	$0.00	Acquired easement for walking path to access adjacent Government land.
684621	Cornwall	0.06 acres	$0.00	Acquired temporary easement for cul-de-sac at the end of Retamary Dr. and at the end of Sunshine Meadows Dr.
1025865	Stratford	0.25 acres	$0.00	Acquired easement for storm water drainage.
398560	Stratford	0.398 acre	$0.00	Acquired easement for storm water drainage.
1050319	Stratford	0.04 acre	$0.00	Acquired easement for storm water drainage.
Total	**19 Properties**	**9.26 acres**	**$0.00**	

Disposals for Highways - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
666966	Harper	0.65 acres	$1,400.00	Portion of old road bed closed and conveyed to adjacent property owner.
672824	Charlottetown	0.07 acres	$3,000.00	Conveyed property to adjacent land owner to correct encroachment issues.
92007	Stanley Bridge	0.42 acres	$0.00	Conveyed a portion of an old road bed frontage to adjacent land owner as part of an agreement with PWGSC.
7559	Harper	0.34 acres	$750.00	Portion of old road bed closed and conveyed to adjacent property owner.
282095	Newton	0.080 acres	$300.00 Admin fee	Portion of old road closed and conveyed to adjacent property owners.
683383	Park Corner	0.64 acres	$1,700.00	Portion of old road closed and conveyed to adjacent property owners.
289751	Stratford	0.80 acres	$900.00	Two portions of old road closed and conveyed to adjacent property owner.
122150	Cable Head East	0.71 acres	$500.00	Portion of old road bed closed and conveyed to adjacent property owner.

474643	O'Leary	0.43 acres	$0.00	Portion of old road closed and conveyed to adjacent property owner. Land exchange.
450270	New Perth	0.66 acres	$500.00	Portion of former Old Mill Road closed and conveyed to adjacent land owner.
178509	Bristol	0.64 acres	$0.00	Portion of old road bed closed and conveyed to adjacent land owner. This transaction was a land exchange in conjunction with the Bristol Road widening project.
525378	Cable Head East	0.23 acres	$500.00	Portion of old road bed closed and conveyed to adjacent property owner.
86116	Darnley	1.07 acres	$0.00	Portion of old road bed closed and conveyed to adjacent property owner.
656934	Bay Fortune	0.047 acre	$0.00	Transfer admin. and control executed and forwarded to PWGSC.
Total	**14 Disposals**	**6.787 acres**	**$ 9,550.00**	

Acquisitions for Highways - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
1055805	New Haven	1.37 acres	$3,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
1055813	New Haven	1.35 acres	$2,500.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
130153	Scotchfort	0.003 acres	$500.00	Acquired for construction of a left hand turn into Scotchfort Service Station.
219097	Riverdale	65.00 acres +house +buildings	$243,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
285999	Murray River	0.15 acres +house	$33,000.00	Acquired for proposed future road realignment Main Street S. in Murray River.
219287	Riverdale	0.26 acres +house +buildings	$220,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.

681536	North Carlton	0.26 acres	$0.00	Acquired a portion of parcel for widening of Muttart Shore Road.
451260	Roseneath	2.50 acres	$25,000.00	Acquired for round-a-bout at Poole's Corner.
100214	Souris	0.02 acres	$0.00	Acquired for improvements to Main Street - Rte. 2.
218867	Bonshaw	1.42 acres	$71,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
218669	Bonshaw	71.15 acres	$304,000.00	Acquired a 5-lot summer cottage use subdivision for the Rte. 1 realignment from New Haven - Bonshaw.
178350	Bristol	0.11 acres	$500.00	Acquired for Bristol Road realignment project.
1056696	Milton Station	0.45 acres	$0.00	Acquired for cul-de-sac at end of Miller Drive in exchange for grant of ROW over Firefighters' Rd. and CNR corridor (PID# 283200).
178376	Bristol	0.36 acres	$2,500.00	Acquired for Bristol Road realignment project.
208835	Tryon	1.50 acres +house	$69,000.00	Acquired for future road improvements and protection of site distance.
286716	Murray River	0.26 acres +building	$118,000.00	Acquired for future improvements to Main Street S.
914275	North Rustico	0.37 acres	$0.00	Acquired for the extension of Spring St. cul-de-sac in North Rustico.
860031	New Haven	41.37 acres	$80,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
219089	Riverdale	73.44 acres	$111,100.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
1057579	New Haven	34.00 acres	$75,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
618520	Murray River	0.47 acres	$16,000.00	Acquired for improvements to Main Street S.
286864	Murray River	0.32 acres +old post office	$93,000.00	Acquired for improvements to Main Street S.
286856	Murray River	0.185 acres +grocery store	$16,000.00	Acquired for improvements to Main Street S.
1060086	New Haven	18.00 acres +house +outbuilding	$545,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
186544	Vernon River	0.29 acres	$26,500.00	Acquired for site distance concerns, corner of Rte. 3 and Rte. 24.

1058429	Bonshaw	12.26 acres	$82,400.00	Expropriated property for Rte. 1 realignment from New Haven - Bonshaw.
1058437	New Haven	8.11 acres	$44,600.00	Expropriated property for Rte. 1 realignment from New Haven - Bonshaw
33381	Elmsdale	0.21 acres	$79,000.00	Acquired for future road realignment.
218636	Bonshaw	172.40 acres	$188,500.00	Expropriated for Rte. 1 realignment from New Haven - Bonshaw.
1059039	New Haven	0.50 acres	$15,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw
219261	Riverdale	0.50 acres	$175,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
218933	Bonshaw	0.86 acres + house	$90,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
244541	Kilmuir	0.38 acres + building	$25,000.00	Acquired for future improvements to the intersection of Rte. 316 and Rte. 315.
474643	O'Leary	0.50 acres	$0.00	Acquired for new location of Royal Avenue. Land exchange.
1059765	Stratford	0.48 acres	$83,250.00	Acquired to remove access off the Trans Canada Highway.
458554	Riverdale	0.38 acres +house	$239,500.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
1047000	Murray Harbour North	0.008 acres	$0.00	Acquired for Poverty Beach Road to address encroachment. Land exchange.
1060458	New Haven	9.20 acres	$9,250.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
183988	Ft. Augustus	0.05 acres	$0.00	Acquired remnant property from PWGSC located at end of Cranberry Wharf Road.
1024959	Oyster Bed	0.27 acres	$4,000.00	Acquired for site distance and to address road encroachment.
219105	Riverdale	1.58 acres	$21,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
227553	New Haven	0.59 acres +house	$163,000.00	Acquired for Rte. 1 realignment from New Haven - Bonshaw.
1054691	New Haven	22.38 acres	$431,000.00	Acquired approved residential subdivision for Rte. 1 realignment from New Haven - Bonshaw.
227233	New Haven	2.56 acres	$219,000.00	Acquired approved residential subdivision for Rte. 1 realignment from New Haven - Bonshaw.

178509	Bristol	0.02 acres	$0.00	Acquired for the Bristol Road widening project. No compensation was paid. Land exchange was made.
1006063	Wellington	0.47 acres	$0.00	Acquired property to correct title of land dedicated for public road.
262337	Wellington	0.92 acres	$0.00	Acquired for public road purposes.
130327	Scotchfort	0.10 acres	$0.00	Acquired remnant of wharf at the end of McBride Road from PWGSC (Hayden's Wharf - PID#1058452).
86116	Darnley	1.54 acres	$0.00	Acquired for new seasonal road.
379685	Clyde River	0.03 acres	$2,400.00	Acquired property to widen intersection.
684621	Cornwall	2.0 acres	$0.00	Acquired for new subdivision, streets/sidewalk.
768861	Cornwall	0.31 acres	$0.00	Acquired for new subdivision, streets/sidewalk.
398560	Stratford	2.39 acres	$0.00	Acquired for new subdivision street.
1050319	Stratford	0.33 acres	$0.00	Acquired for new subdivision street.
Total	**54 Properties**	**555.936 acres**	**$3,926,500.00**	

Property Disposals (Not RLAF) - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
282657	Mount Tryon	0.38 acres	$300.00	Tax sale property sold to adjacent land owner.
290569	Pleasant Valley	0.24 acres	$275.00	Tax sale property sold to adjacent land owner.
29835	Freeland	0.22 acres	$50.00	Tax sale oroperty sold to adjacent land owner.
49866	Alaska	0.33 acres	$100.00	Tax sale property sold to adjacent land owner.
171439	Georgetown	44.92 acres	$300.00 Admin fee	Tax sale property sold to adjacent land owner. Clients paid to have house removed and site restored.
101238	Souris	0.31 acres	$0.00	Tax sale property conveyed to the Town of Souris.
388736	West Royalty	2.62 acres	$0.00	Transferred to Queens County Residential Services Inc., subject to a walking easement.

207811	Victoria	0.63 acres	$0.00	Transferred to adjacent landowner to be consolidated with other holdings for expansion of a commercial business.
45880	West Point	0.41 acre	$1,000.00	Tax sale property sold to adjacent land owner.
172148	Geogetown	0.24 acres	$0.00	Tax sale property transferred to the Town of Georgetown (reversionary clause in deed).
864520	Christopher Cross	0.94 acres	$1,026.50	Tax sale property sold to adjacent land owner.
291948	Beach Point	0.33 acres	$150.00	Tax sale property sold to adjacent land owner
25924	East Bideford	40.00 acres	$0.00	Disposed of property through land exchange (PID# 25924 for PID# 25668).
722017	Souris Line Road	0.50 acres	$200.00	Tax sale property sold to adjacent land owner.
98798	Breadalbane	0.18 acres	$250.00	Tax sale property sold to adjacent land owner.
251694	Murray Harbour North	0.05 acres	$0.00	Portion of this Provincial property traded for a portion of parcel #1047000 required for the Poverty Beach Road.
407460	St. Andrews	12.50 acres	$5,000.00	Tax sale property sold to adjacent land owner.
428748	Mount Pleasant	2.21 acres	$2,500.00	Conveyed to BW Trucking Inc. for a commercial operation.
197897	Montague	0.10 acres	$300.00	Tax sale property sold to adjacent land owner.
828368	Naufrage	3.71 acres	$4,200.00	Transfer admin. and control executed and forwarded to PWGSC for waterlot.
779652	Green Meadows	0.39 acres	$600.00	Tax sale property sold to adjacent land owner.
242362	Greenvale	0.28 acres	$300.00	Tax sale property sold to adjacent land owner.
434910	St. Charles	0.487 acres	$100.00	Tax sale property sold to adjacent land owner.
298034	Abney	0.64 acres	$1,000.00	Tax sale property sold to adjacent land owner.
197897	Montague	0.10 acres	$300.00	Tax sale property sold to adjacent land owner.
476002	Piusville	0.57 acres	$250.00	Tax sale property sold to adjacent land owner.

100024	Souris	1.26 acres	$0.00	Transferred to Souris Harbour Authority Inc. to complete land exchange.
457861	Hunter River	0.16 acres	$125.00	Tax sale property sold to adjacent land owner.
656934	Bay Fortune	0.106 acres	$0.00	Transfer admin. and control executed and forwarded to PWGSC.
Total	**29 Disposals**	**114.813 acres**	**$18,326.50**	

PROPERTY DISPOSALS (RLAF) - April 1, 2012 to March 31, 2013

Parcel	Location	Acreage	Amount	Notes
828368	Naufrage	3.71 acres	$4,200.00	PWGSC, on behalf of DFO, acquired subject parcel for expansion of wharf/harbour.
Total	**1 Disposals**	**3.71 acres**	**$4,200.00**	

THE OFFICE OF THE PROVINCIAL CHIEF SURVEYOR

This Office provides land surveying services and counsel on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties Section, as well as the Capital Projects, Highway Maintenance, and Building Design and Construction Divisions of the Department. Expertise and services are also provided to: other government departments including Environment, Labour and Justice, Finance, Energy and Municipal Affairs, Agriculture and Forestry, and Tourism and Culture; government agencies and boards; community groups, and the greater legal, engineering and land surveying community throughout the Province. The following are essential functions of the Section:

- provide timely, comprehensive and efficient land and engineering surveying services on public roads and Provincial lands;
- provide counsel and regulate surveys completed under the, *Natural Gas Act* and *Mineral Resources Act*;
- collect evidence and provide counsel on the tenure (public or private) of particular roads, rights-of-way and public easements in the Province;
- maintain and manage the provincial control survey networks and provide technical assistance to various GNSS/GIS users on the provincial datum and mapping plane;
- maintain a library of documentary evidence and case law related to land tenure and surveying in Prince Edward Island and other provinces;
- coordinate survey training sessions and develop standards for engineering and legal surveying crews within the Department, as well as coordinate and implement quality control standards for the collection of engineering surveying data to ensure accuracy and reliance sufficient to exceed high engineering design standards; and,
- provide a mechanism for the equitable resolution of boundary uncertainties.

Staff are specifically trained in land surveying and particularly in the collection and assessment of boundary evidence. Staff currently consists of two Professional Land Surveyors/Professional Engineers, two geomatics technicians, a research technician, a research/administrative support clerk, and two survey crews.

In the past year, approximately 100 files have been created in the Section consisting of road status requests, right-of-way and easement acquisitions, legal and topographic surveys.

Public Roads

In the past year, the Office has opened approximately 30 files relating to road width and status inquires. Disputed public roads continue to consume a major portion of the Section's resources. Often at issue is the existence of a public road leading to the shore that is not visible on the ground, nor shown on the Provincial highway atlas.

Resources are now more dedicated towards gathering the appropriate information required to defend the tenure of non-essential roads, rather than roads that are either classified and/or accepted into our network of maintained public roads. The Section will be working towards resolving this imbalance.

Through ongoing research associated with individual requests regarding public roads, the Office has become more knowledgeable in the historic land tenure process associated with the development of the Province's road infrastructure. The Section is considering compiling this information into a searchable document that would reduce the time required to resolve road status uncertainty.

Legal Surveys

In the past year, the Office has undertaken a number of legal surveys. The majority of the legal surveys have been prepared either for road acquisitions such as lands for new roundabouts, highway widening, and intersection re-alignment, or for highway drainage easements through private lands.

Additional surveys have been undertaken by the Office to facilitate the design and expansion of elementary schools, provincial manors, and general government facilities. These surveys generally include both the legal component of a boundary survey, together with the associated engineering surveys required for site design.

Surveys for the acquisition of lands for the TransCanada Highway Re-alignment Project (the Project) was a major component of the Section's work for the year; these surveys will be completed in the next fiscal year. The Project required surveying of properties along the 6 kilometer stretch of highway extending from New Haven through Churchill-Bonshaw.

The Hermanville Windfarm was the largest project undertaken by the Office in the year, with 1,600 acres of Provincially-owned lands surveyed, wind turbines located, and right-of-ways established. This project is situated in a heavily forested area and, upon completion, will have required 25 kilometers of property boundaries cut, marked and monumented.

Provincial Survey Reference System

The reference network used by engineers, private land surveyors and Government surveyors, has been in existence since the late 1960s. In the past twenty years, minimal maintenance and replacement of the reference posts had been undertaken. During this past fiscal year, the Department acquired all hardware required for the installation of a new GNSS-based active control network. Hardware for the network has been installed and is awaiting final communication parameters required to activate.

Legislation

The *Land Survey Act* has been reviewed a number of times in the past number of years in order to make necessary revisions and amendments to reflect the changes in the surveying industry since 1988. In the past year, priority has been assigned to draft the required revisions to the Act.

CAPITAL PROJECTS DIVISION

CHIEF ENGINEER'S REPORT

The Capital Projects Division is responsible for the planning, design, construction and reconstruction of the Province's highways and bridges. This includes the associated tasks of data collection, surveying, mapping, materials testing, traffic engineering and bridge maintenance.

The responsibilities for planning, surveying, construction, and reconstruction, come under the direction the Chief Engineer with assistance from two Regional Engineers. The Chief Engineer's office is located in Charlottetown. The main offices for the Eastern Region are located in Charlottetown and Georgetown. The Western Region offices are located in Charlottetown and Slemon Park.

Traffic operations and sub-division development is directed by our Traffic Operations Engineer located in the Charlottetown office. The two regions are managed by two Traffic Operations Managers, one working out of both Charlottetown and Georgetown, and one working out of Slemon Park who is also responsible for the Provincial Sign Shop in Tignish.

The design of highways and bridges is managed from the Charlottetown office, as is the project management of bridge construction and maintenance. The structural highway design and testing of construction materials is managed from the Highway Testing Laboratory in Mt. Stewart, with additional testing facilities in the Slemon Park location.

Planning within Capital Projects emphasized the need for completing work early in the fall under favorable weather conditions, tendering the work in larger projects to improve quality control, and the reduction of overall construction costs. The emphasis to improve the safety and widening of Route 2 was completed during the last construction season. The Department's emphasis is now on improvements to the Trans Canada Highway and the continuation of dedicating more resources to bridge replacement. The total capital highway and bridge expenditures for FY 2012/13 was approximately $30,689,200.00 The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.
The New Deals for Cities and Communities Projects included: Route 4, Belle's Hill; Route 1, Flat River; Slemon Park Roundabout; Route 2 Sherbrooke/Traveller's Rest; and Wellington Bridge Structure Replacement.
The Atlantic Gateway and Border Crossing project included: Route 1 Trans Canada Highway Re-Alignment Pre-Cast Structure Supply, Route 1 Trans Canada Highway Re-Alignment Bonshaw and Route 1 TCH Re-Alignment New Haven.

Once again the Capital Budget for Highways and Bridges was approved in the Fall session of the Legislature. This enabled our department to plan and tender contracts earlier for the coming year's road and bridge programs. This was a great benefit to the Capital Projects Division and also the PEI Road Builders and Heavy Construction Association as contractors can plan in advance for the upcoming construction season.

Highways and Bridges

Capital highway projects are administered by the two Regional Engineers. They review the deficiencies of the highway system and plan for the upcoming years using the Department's 5-Year Road Program, considering safety, traffic volumes, surface conditions, truck traffic and other departmental and public concerns relative to each project. The selected projects are surveyed and designed with input from environment, traffic, properties, surveys, materials lab and municipal personnel, as required. The regional staff prepare cost estimates and tenders, review tenders, award contracts, administer the contract, evaluate the work, record contract quantities, prepare payments, identify deficiencies to be corrected, and approve the final product. The highway projects include those cost-shared with Infrastructure Canada through the New Deals for Cities and Communities funding and the Atlantic Gateway and Border Crossing funding.

Capital bridge projects are administered by the staff of the Bridge Section. The bridge inspection initiative continues to have both department and consultant engineers inspect all large bridge structures on PEI every two years. They review the deficiencies of the bridges and plan for the upcoming years considering safety, traffic volumes, structural condition, truck traffic and other departmental and public concerns relative to each project. Design and contract administration are similar to highway projects.

Weigh Scale Contract Quantities

The Capital Project staff, along with assistance from our Highway Safety Division, is responsible for ensuring current and accurate totals of all materials which are paid by weight or volumes on all highway construction projects. Training and quality control supervision is provided to all district checkers, data collectors, weighers and checkers.

Scale site activities are reviewed in conjunction with Measurement Canada and Highway Safety Division to ensure that there is compliance to the *Federal Weights and Measures Act*, the *Roads Act Vehicle Weight Regulations*, and the *General Provisions and Contract Specifications for Highway Construction*.

The Section provides data entry of material tickets for progress payments on all highway construction and bridge projects. The material tickets information is entered into the Construction Analysis and Tracking System (CATS), designed to assist the capital and maintenance staff in managing their highway projects. The same activities are followed to maintain the records of the winter sand contracts for the Highway Maintenance Division.

Subdivision Development

Subdivisions continue to be built by private developers who are responsible for the surveying, construction, testing and deeding of the new streets to the Province. Department staff work with the developers and provincial or municipal planners to prepare a design with an acceptable roadway, stormwater management plan, and utility services. An agreement is then signed between the three parties identifying responsibilities, costs, and scheduling. The developer deeds the right-of-way to the Province at such time as the conditions of the agreement are satisfied.

SCHEDULE OF TENDERS - HIGHWAYS AND BRIDGES

ATLANTIC GATEWAY AND BORDER CROSSINGS FUNDED PROJECTS

Route 1 TCH Re-Alignment Pre-Cast Structure Supply - Tender Closed July 26, 2012

	Pre-Cast Concrete Span	Pre-Cast Concrete Box	Pre-Cast Concrete Pipe
Shaw Pre-Cast	**$585,258.40**	$506,880.00	**$119,784.00**
Atlantic Hyspan		**$441,456.04**	
Maritime Precast		$484,450.56	

Span & Pipe Awarded to Shaw Pre-Cast
Box Awarded to Atlantic Hyspan

TCH Re-Alignment Bonshaw - Tender Closed: August 23, 2012

Island Construction Limited	**$6,604,311.50**
Island Coastal Services	$6,666,700.10
Curran & Briggs Limited	$7,322,944.86
Nova Construction	$8,037,794.13
Cadwell & Ross Limited	$8,069,488.56
Dexter Construction	$8,153,794.84
Chapman Brothers Construction	$9,164,647.11

Awarded to Island Construction Limited

TCH Re-Alignment New Haven - Tender Closed: August 23, 2012

Island Construction Limited	**$8,246,838.04**
Island Coastal Services	$8,354,298.35
Caldwell & Ross Limited	$8,461,216.20
Dexter Construction	$8,790,861.66

Awarded to Island Construction Limited

NEW DEALS FOR CITIES AND COMMUNITIES FUNDED PROJECTS

Route 4 Belle's Hill - Tender Closed: February 28, 2012

Island Construction	**$621,954.65**
Chapman Brothers Construction	$631,433.25

Awarded to Island Construction

Route 1 Flat River/Belle River - Tender Closed: May 24, 2012

Chapman Brothers	**$445,682.37**
Island Construction	$461,027.81

Awarded to Chapman Brothers

Slemon Park Roundabout - Tender Closed: April 4, 2012

Curran & Briggs Limited	**$1,293,560.10**
Central Roadways	$1,393,578.38
Birt & MacKay	$1,399,415.52
Island Coastal Services	$1,416,773.40

Awarded to Curran & Briggs Limited

Route 2 Sherbrooke/Travellers Rest - Tender Closed: May 24, 2012

Curran & Briggs Limited	**$652,297.80**
Central Roadways	$731,897.25

Awarded to Curran & Briggs Limited

Wellington Bridge - Tender Closed: February 28, 2012

Highfield Construction	**$471,750.30**
Central Prince Contracting	$478,269.73
Island Coastal Services	$564,136.19
Birt & MacKay	$601,851.04
Noye & Noye	$643,169.90
HR Civil	$645,098.48

Awarded to Highfield Construction

Route 2 Canavoy - Tender Closed: February 28, 2012

Chapman Brothers Construction	**$472,104.94**
Island Construction Limited	$479,215.17

Awarded to Chapman Brothers Construction Limited

Route 3 Mount Mellick/Millview - Tender Closed: February 28, 2012

Chapman Brothers Construction	**$376,385.63**
Island Construction Limited	$377,523.41
Central Roadways	$412,442.63

Awarded to Chapman Brothers Construction

Route 2 New Annan - Tender Closed: February 28, 2012

Curran & Briggs Limited	**$230,939.10**
Central Roadways	$238,378.35

Awarded to Curran & Briggs Limited

Route 1 North Tryon - Tender Closed: February 28, 2012

Central Roadways	**$258,515.25**
Curran & Briggs Limited	$365,749.12
Island Construction Limited	$282,571.02

Awarded to Central Roadways

Route 7 Oyster Bed/Brackley-Harrington - Tender Closed: February 28, 2012

Island Construction Limited	**$821,983.47**
Central Roadways	$870,531.90
Chapman Brothers Construction	$872,699.10

Awarded to Island Construction Limited

Route 2 Rosebank - Tender Closed: February 28, 2012

Central Roadways	**$480,268.95**
Curran & Briggs Limited	$484,234.28
Chapman Brothers Construction	$535,190.25

Awarded to Central Roadways

Route 2 St. Nicholas - Tender Closed: February 29, 2012

Curran & Briggs Limited	**$232,730.40**
Central Roadways	$243,478.20

Awarded to Curran & Briggs Limited

New Glasgow Mills Road - Tender Closed: March 21, 2012

Highfield Construction	**$348,049.80**
Central Prince Contracting	$374,872.94
Noye & Noye	$399,828.45
Birt & MacKay	$407,016.12
Island Coastal Services	$455,096.54

Awarded to Highfield Construction

Route 2 Brookfield/Greenvale - Tender Closed: April 4, 2012

Island Construction Limited	**$323,467.52**
Chapman Brothers Construction	$325,092.60
Central Roadways	$344,887.73

Awarded to Island Construction Limited

Route 2 Malpeque Road - Tender Closed April 4, 2012

Island Construction Limited	**$298,643.63**
Chapman Brothers Construction	$316,942.50

Awarded to Island Construction Limited

Route 4 Murray River - Tender Closed: April 4, 2012

Island Coastal Services	**$847,367.06**
Kings County Construction	$892,623.69
Birt & MacKay	$899,774.21
Chapman Brothers	$931,544.90

Awarded to Island Coastal Services

North Bedeque - Tender Closed: April 4, 2012

Curran & Briggs Limited	**$320,645.85**
Central Roadways	$329,811.30

Awarded to Curran & Briggs Limited

Pooles Corner Roundabout - Tender Closed: April 4, 2012

Chapman Brothers Construction	**$1,666,094.85**
Kings County Construction	$1,682,289.54
Birt & MacKay	$1,794,231.78
Island Coastal Services	$1,830,468.28

Awarded to Chapman Brothers Construction

Poplar Grove Bridge - Tender Closed: April 25, 2012

Central Prince Contracting	**$359,219.70**
Gaudette's Transit Mix	$361,393.04
Highfield Construction	$371,565.60
Noye & Noye	$381,114.51
Birt & MacKay	$393,191.96

Awarded to Central Prince Contracting

Route 2 Norboro - Tender Closed: May 24, 2012

Curran & Briggs Limited	**$30,398.45**
Island Construction Limited	$35,824.55
Central Roadways	$37,989.42

Awarded to Curran & Briggs Limited

Route 142 Woodstock/Unionvale - Tender Closed: May 24, 2012

Central Roadways	**$561,262.28**
Curran & Briggs	$561,947.93

Awarded to Central Roadways

Flat River Bridge - Tender Closed: May 24, 2012

Highfield Construction	**$890,851.50**
Island Coastal Services	$923,249.52
Birt & MacKay	$1,324,261.30

Awarded to Highfield Construction

Hunter's Creek Bridge - Tender Closed: June 20, 2012

Birt & MacKay	**$420,287.11**
Highfield Construction	$447,035.40
Island Coastal Services	$466,320.64
Central Prince Contracting	$478,346.76
Gaudette's Transit Mix	$515,518.77
AJL Limited	$605,363.33

Awarded to Birt & MacKay

Route 4 Bridgetown/Cardross/Cardigan - Tender Closed: August 8, 2012

Chapman Brothers Construction	**$357,474.11**
Island Construction	$370,644.42

Awarded to Chapman Brothers Construction

Route 20/101 Kensington - Tender Closed: August 8, 2012

Central Roadways	**$142,457.18**
Curran & Briggs	$143,217.38

Awarded to Central Roadways

MacLure's Dam - Tender Closed: August 16, 2012

Highfield Construction	**$467,429.55**
Central Prince Contracting	$468,997.20

Awarded to Highfield Construction

St. Rock Bridge - Tender Closed: August 16, 2012

Gaudette's Transit Mix	**$217,386.26**
Central Prince Contracting	$243,873.78
Highfield Construction	$295,638.00

Awarded to Gaudette's Transit Mix

Glenfinnan Bridge - Tender Closed: August 31, 2012

Noye & Noye	**$445,418.19**
Highfield Construction	$446,289.00

Central Prince Contracting	$446,610.68
Birt & MacKay	$450,534.30
Maritime Dredging	$496,103.94

Awarded to Noye & Noye

Lady Slipper Drive Storm Sewer - Tender Closed: October 18, 2012

Acadia Construction	**$50,305.55**
Leo McNeill Construction	$50,663.93
AJL Limited	$59,861.55
Curran & Briggs Limited	$64,749.30

Awarded to Acadia Construction

Hillsborough Bridge - Tender Closed: December 13, 2012

Highfield Construction Limited	**$109,647,30**
Central Prince Contracting	$112,828.80
M&M Resources	$121,360.05
Island Coastal Services	$124,731.29
G&P Trucking	$131,639.55
Birt & MacKay	$144,815.48
Island Excavators	$171,094.88

Awarded to Highfield Construction

Emerald Bridge Pre-Cast Structure Supply - Tender Closed: December 20, 2012

Maritime Pre-Cast	**$153,562.50**
Shaw Group	$204,485.40
Atlantic Hyspan	$207,900.00

Awarded to Maritime Pre-Cast

Emerald Bridge - Tender Closed January 22, 2013

Highfield Construction	**$419,763.00**
Central Prince Contracting	$443,822.61
HR Civil	$447,666.00
Noye & Noye	$477,215.50
Birt & MacKay	$499,499.50
Island Coastal Services	$509,481.15

Awarded to Highfield Construction

Western Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 1 - North Tryon	1.30	0.00	0.00	0.00	1.30	0.00	1.30	0.00	0.00	0.00
Route 1 - TCH New Haven	3.02	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Route 1 - Bonshaw	3.14	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Route 1A - North Bedeque	1.14	0.00	0.00	0.00	1.14	0.00	1.14	0.00	0.00	0.00
Route 2 - Brookfield/Greenvale	1.70	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00
Route 2 - Malpeque Road Charlottetown	0.99	0.00	0.00	0.00	0.99	0.00	0.99	0.00	0.00	0.00
Route 2 - New Annan	1.24	0.00	0.00	0.00	0.00	0.00	1.24	0.00	0.00	0.00
Route 2 - Rosebank	1.92	0.00	0.00	0.00	1.92	0.00	1.92	0.00	0.00	0.00
Route 2 - Sherbrooke/Travellers Rest	2.27	0.00	0.00	0.00	2.27	0.00	2.27	0.00	0.00	0.00
Route 2 - Slemon Park Roundabout	1.56	1.56	1.56	0.00	1.56	1.56	1.56	1.56	0.00	1.56
Route 2 - St. Nicholas	1.59	0.00	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00
Route 2 - Norboro	0.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Route 6 - Rusticoville Carryover	3.30	0.00	0.00	0.00	0.00	0.00	3.30	0.00	0.00	0.00
Route 7 - Oyster Bed	3.86	0.00	0.00	0.00	3.86	0.00	3.86	0.00	0.00	0.00
Route 12 - Lady Slipper Drive Miscouche	0.25	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00
Route 15 - Brackley/Harrington	5.10	0.00	0.00	0.00	0.00	0.00	5.10	0.00	0.00	0.00
Route 20 - Kensington/Route 101 - Kensington	0.85	0.00	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00
Route 142 - Unionvale/Woodstock	2.06	0.00	0.00	0.00	2.06	0.00	2.06	0.00	0.00	0.00
Route 225 - Hartsvilles (Route 13 - Rennies Road Carryover)	1.77	0.00	0.00	0.00	0.00	0.00	1.77	0.00	0.00	0.00
Broadway Road/Hope River	0.95	0.95	0.95	0.00	0.11	0.00	0.11	0.95	0.00	0.00
School Street - Miscouche	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
Haul Road Riverdale	0.63	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Toronto Road	1.60	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00
Friston Road	2.25	1.30	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00
Waite Road	0.38	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00
North Road	1.13	0.00	1.13	1.13	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	**44.60**	**6.94**	**5.89**	**5.36**	**15.21**	**1.56**	**31.61**	**2.51**	**0.00**	**1.56**

Note: 1) Route 12 - Lady Slipper Drive and School Street Miscouche were storm sewer projects.
2) Route 7 - Oyster Bed and Route 15 - Brackley/Harrington were one contract.

Eastern Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavemen
Belles Hill, Route 4	2.63	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00
Canavoy, Route 2	1.57	0.00	0.00	0.00	1.57	0.00	1.57	0.00	0.00	0.00
Flat River, Route 1	1.52	0.00	0.00	0.00	1.52	0.00	1.52	0.00	0.00	0.00
Mount Mellick/Millview, Route 3	1.76	0.00	0.00	0.00	1.76	0.00	1.76	0.00	0.00	0.00
Murray River, Route 4	0.47	0.47	0.47	0.00	0.00	0.47	0.47	0.47	0.00	0.00
Pooles Corner Roundabout	0.85	0.85	0.85	0.00	0.00	0.85	0.85	0.85	0.00	0.00
Bridgetown/Cardross/Cardigan, Route 4	1.65	0.20	0.20	0.00	1.45	0.20	1.65	0.20	0.00	0.00
Beach Rd, Grand Tracadie	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
Cable Head West Rd	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	0.00	0.00
TOTALS	**10.45**	**1.52**	**1.52**	**1.50**	**6.30**	**1.52**	**10.45**	**1.52**	**0.00**	**0.00**

Note: During the 2012/13 year, 350 metres of rip rap was placed as shoreline protection on Route 25, Bay Shore Road. 700 metres of environmental control measures were put into place on Route 257, Cape Breton Road.

HIGHWAY DESIGN SECTION

The Design Section provided detailed highway design, drawings or alignments for approximately 24 highway projects during the fiscal year. All incoming electronic survey data provided by the Department's Survey Section were reduced and verified for accuracy prior to preparing further design work.

Preliminary or detailed design work was carried out for the following highway construction projects:

Route Number	Area of Design Work Done
Route 1 - Trans Canada Highway	- Gateway - T.C.H Realignment Bonshaw - Gateway - T.C.H. Realignment New Haven - DeSable, Reconstruction, turning lanes, and Intersection Realignment (Route 19 and 246) - Bonshaw - Green Rd, St Catharines Rd, Bonshaw Rd, Left Turning Lanes. - Flat River
Route 2	- Slemon Park Intersection (Roundabout) - Tracadie Cross - Rt 218 Left Turn Lane - Poole's Corner Intersection (Roundabout) - Summerside - East Drive Intersection Design - Milton Station - Winslow
Route 4	- Murray River, Road Widening and Storm Sewer - Bridgetown and Cardross - Horizontal Alignments and Reconstruction Design
Route 6	- Rustico, Timber Lane Reconstruction - Rustico, Summer Street Realignment
Route 12	- Alberton, Church Street, Sidewalk and Storm Sewer
Route 14	- Tignish Post Office Parking and Spring Lane Realignment
Route 20	- New London Highway Realignment at PEI Aqua Farms

Route 25	- Route 25 - Route 220 - York Road Reconstruction and Sight Distance Improvement - Stanhope - Paved Pathway at Golf Course with Storm Sewer, Preliminary Design
Miscellaneous	- Super Elevation Analysis - Ferry Rd Bridge - Blooming Point Beach Access Options - Summerside, Linkletter Community Center Parking Options - Cape Breton Road - Alignments and Environmental Control Plan

BRIDGES

Bridge construction is shown in the Eastern and Western Regions Highway and Bridge Projects tables located elsewhere in this report.

The following is a list of bridges and the work carried out by the Department or on behalf of the Department:

Bridge	Work Completed
Rte 321, Cardigan Bridge	Carry over (approach road work)
Rte 124, Wellington Bridge	Structure replacement
Rte 13, New Glasgow Mills Bridge	Structure replacement
Rte 40402, Poplar Grove Bridge	Design, tender, & structure replacement
Rte 103, Hunter's Creek Bridge	Geotechnical investigation, topo survey, design, tender, & structure replacement
Rte 1, Flat River Bridge	Design, tender, & structure replacement
Rte 21, Glenfinnan Bridge	Geotechnical investigation, topo survey, design, tender, & structure replacement
Rte 202, MacLure's Dam Bridge	Design, tender, & structure replacement
Rte 40269, St. Roch Bridge (P1-077)	Design, tender, & structure replacement
Rte 232, Emerald Bridge	Geotechnical investigation, topo survey, design, tender, & structure replacement
Rte 1, Hillsborough Bridge	Design, tender, slope protection
Rte 60145, Loane Road Bridge	Geotechnical investigation, topo survey, design, & tender
Rte 248, Cornwall (Ferry Road) Bridge	Geotechnical investigation, topo survey, design, & tender
Rte 50325, Simpson Mill Road Bridge	Geotechnical investigation
Rte 6, Rustico Bridge	Geotechnical investigation
Rte 40269, St. Roch Bridge (P1-078)	Geotechnical investigation
Rte 40469, Miminegash Bridge	Geotechnical investigation, topo survey
Rte 50134, Clinton Bridge	Geotechnical investigation, topo survey
Rte 224, St. Ann Bridge	Geotechnical investigation, topo survey
Rte 2, Marie Bridge	Geotechnical investigation, topo survey
Rte 12, Cascumpec Bridge	Preliminary design for future replacement

Pre-Cast Structure Purchase
The Department developed and issued a tender for the supply of 16.23M long precast concrete spans to be incorporated as part of future bridge replacements.

Timber Material Purchase
The Department developed and issued (in conjunction with Procurement Services) a Request for Proposal for the purchase of structural timber components to be incorporated as part of the 2013/14 bridge replacement and maintenance program.

Bridge Inspections and Bridge Management
The Department retained several consultants (as well as our own in-house staff) to conduct detailed bridge inspections on 109 bridge structures within the Province. The detailed inspection is based on the Ontario Structures Inspection Manual. All inspection teams were given an in-depth full two (2) week inspection course in November 2007, and again in September 2012. The data from each bridge inspection has been entered into our new Bridge Management Software. This software will allow us to better manage our assets in determining where the capital budget gets allocated and which bridge structures get priority.

BRIDGE MAINTENANCE

The Bridge Maintenance Section is responsible for the ongoing maintenance of approximately 1,300 structures across Prince Edward Island. There are several types of structures within the bridge inventory:

1. Multi-Plated Steel Arches
2. Timber Boxes
3. Concrete Bridge/Timber Extensions
4. Sectional Concrete Boxes
5. Steel Sheet Piling Bridges
6. Timber Pile Bridges
7. Steel Pile Bridges
8. Corrugated Steel Pipes
9. Timber Crib Bridges
10. Timber Catch Basins
11. Timber Driveway Boxes
12. Concrete Span Bridges
13. Steel Span Bridges

Bridge Maintenance is comprised of several components:

- Inspection Crew - The crew operates on a 3-year schedule rotating between the 3 counties inspecting approximately 400-500 smaller structures each season.
- Bridge Yard Inventory Crew - Responsible for inventory control for the materials being sent to the various projects across the Island.
- Boom Truck - Responsible for transporting the construction materials to the maintenance crews and construction sites.
- Construction Crews - Six crews are responsible for the yearly maintenance work **carried** out by the Bridge Section.
- Administrative Staff
- Bridge Management - Duties include overseeing and organizing the schedules of the Bridge Maintenance Staff.

In addition to the goals of ensuring the integrity of structures, the Bridge Maintenance Section assists other agencies in achieving their objectives by improving fish passages by installing baffles within structures, protection of stream banks by the placement of gabion baskets, and the creation of fish habitat by installing natural bottoms in some of the structures.

MATERIALS AND SOILS SECTION

Asphaltic Concrete

A total of eight asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 130,172.6 tonnes of asphaltic concrete was produced in 2012. This included binder course, surface course, levelling course and maintenance mixes. A price adjusted, end result specification was applied to hot mix compaction on specified contracts.

Daily inspection was carried out at each of the nine plants to control the quality of the mix produced. A total of 372 asphalt mix samples were collected and analysed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 349.9 tonnes of asphalt mix produced. A total of 288 cores were removed from the contracts to determine compliance with compaction and thickness requirements.

Aggregates

The use of local aggregates was limited to blend sands. The type and amount of testing carried out to ensure the quality of the aggregates is noted below.

Type of Test	No. of Tests
Sieve Analysis Aggregate	1065
Sieve Analysis Extractions	516
Specific Gravity	123
Soundness	20
Abrasion	10
Crush Count	10
Sand Equivalent	10
Flat & Elongated Particles	10
Uncompacted Voids Fine Aggregate	9
Micro-Deval	21

In addition 28 Marshall and Superpave mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, there were 35 Stripping Mixes carried out to determine the extent of stripping from the various aggregate sources.

Asphalt Cement

Asphalt cement specification compliance testing was performed on Performance Grade 58-28 and Polymer Modified 64-28 asphalt cement. A total of 19 samples were taken.

Type of Test	No. of Tests
Specific Gravity	19
Penetration	16

Soils and Granular

Soils testing dealt mainly with granular base course and select borrow. Tests carried out on these materials included sieve analysis, moisture-density relationship, specific gravity, and degree of compaction. A total of 224 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	224
Moisture-Density	30
Compaction Test	2321
Specific Gravity	14

Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Maintenance Division for ice control. The services included calibration of sand blenders, on site monitoring and production sampling from both the blenders and from stockpiles. A total of 381 samples were processed for gradation testing.

Subsurface Investigation
The continued use of the Lab's mobile drilling unit permitted comprehensive sub-grade investigations to be carried out. A total of 263 samples were obtained from 9 different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 17 atterberg limit tests, 11 hydrometer analysis and 38 organic indicator tests were performed.

Concrete
Testing and inspection services were provided for the following Projects:

Route 4 Murray River
Poole's Corner Roundabout
Slemon Park Roundabout
St. Rock Bridge Structure Replacement
Poplar Grove Bridge
Flat River Bridge Structure Replacement
New Glasgow Mills Bridge Structure Replacement
Wellington Bridge Structure Replacement
MacLure's Dam Bridge Structure Replacement
Cardigan Bridge Structure Replacement
Hunter's Creek Bridge Structure Replacement

A total of 168 concrete test cylinders were tested for compressive strength. In addition, 164 slump tests and air content tests were performed.

Benkelman Beam
The deflection testing program continued to provide information for overlay thickness design and the spring weight restriction program.

Profilograph
The High Speed Inertia Based Profilograph was employed to determine smoothness on a number of contracts where surface course hot mix had been applied. A price adjusted smoothness specification was implemented on selected contracts.

TRAFFIC OPERATIONS MANAGEMENT SECTION

The Traffic Operations Management Section (formerly Pavement Management Section), within the Capital Projects Division, administers and manages the resources and services for the primary information systems used in the Department's transportation planning activities. This section is responsible annually for the operations of the ITMS -Integrated Traffic Monitoring System, the WIM - the Provincial Weigh-In-Motion Information System, and the Pavement Management System named PCMS - Pavement Condition Monitoring System.

There were no personnel changes to the Pavement Management Section staff during this fiscal year.

Pavement Condition Monitoring System - PCMS
Surface distress data, based on nine distress attributes, was collected for the National Highway System and Community Connectors. Data from these nine distress attributes are used to calculate a Surface Distress Index (SDI) for each of the various highway sections within the 1,305 km network managed by the Capital Projects Division. This SDI value, which provides a relative value of pavement condition is available to the Division as an aid in the Capital Construction Planning Process. Other data available for use in the Capital Programming includes traffic volume data, intersection counts and vehicular collision data.

Weigh In Motion System - WIM
The Weigh-In-Motion system collects vehicle weight, speed, and vehicle classification data. The section operates and maintains 5 monitoring sites across the province. These sites are located on arterial highways in Tryon, Hunter River/Springvale, Bedford, Middleton and Richmond.

- Tryon - This site is fully operational.
- Hunter River - This site is fully operational.
- Bedford - This site is non-operational and in need of repairs or upgrading. The station is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.
- Middleton - This site is not functioning and is expected to be rebuilt when the road is reconstructed. The asphalt is in poor condition in this area.
- Richmond - This site is fully operational.

The data obtained from these WIM sites can be used to determine ESAL's (equivalent single axle loads) per truck which in turn may be used for structural design of our highways. This database is also used to make estimates of vehicle type breakdown for the ITMS traffic system.

Integrated Traffic Monitoring System

This section continues to maintain and analyse data from 12 permanent count sites, approximately 120 temporary count sites and the 5 WIM sites. On an annual basis, additional equipment (Archer Counters with pneumatic road hoses) is set up at 30 to 40 sites (permanent or temporary sites noted above) for a period of 8 days annually to conduct vehicle classifications. The department also carries out a number of intersection turning movement surveys across the province on an annual basis during a 14-week period in the summer months. The data from all of these monitoring sites continues to feed the ITMS information system, and annually creates a master traffic profile for the almost 3,500 km of provincially numbered highways.

A typical counter site consists of wire loops imbedded in the asphalt of each lane. The wires are brought to the shoulder of the road at a common location and eventually to an electrical post at the edge of the right-of-way where the connection to the counter is made. These sites are often replaced during road reconstruction. Loops were replaced at three sites this year, the O'Leary Road temporary count site, Rte 2 in Sherbrooke and Rte 1 (TCH) in Flat River.

The Department re-hired the same four labourers for the summer season to carry out the Intersection Turning Movement Count program. The individuals performed the duties well and have been recommended for rehire for the following year. Maintaining the same casual staff year to year is a benefit to this program as it helps to maintain consistency. These manual traffic surveys are carried out for 10 hours a day - 4 days a week. The field data is keyed to ITMS by office staff, stored and available for analysis as an intersection (or other traffic facility) design tool. The crew carried out 97 intersection counts during their 14-week term. In addition, a 2 person crew from the Western Region was utilized on an intermittent basis to perform counts at some lower volume intersections. They completed a further 8 counts for a total of 105 intersection counts.

Provincial Highway Traffic Growth

The table below shows the Department's permanent traffic volumes monitoring sites and their respective 2011 and 2012 AADTs - Annual Average Daily Traffic figures, meaning two-way traffic for an average 24 hour day of the year. These AADT values are maintained by the calender year and not the fiscal year which ends on March 31 of the following year. Only these sites are used to calculate the provincial traffic growth rate, because only these sites monitor traffic constantly, all year long - except for machine failure. The provincial traffic growth rate for 2012 shows a increase of 1.74 % over the previous year (solely based on the permanent traffic monitoring installations). The 5 and 10 year annual growth rates, based on all permanent counter sites, are 2.15% and 0.30% respectively.

Comparison Annual Average Daily Traffic Table

Annual Average Daily Traffic - AADT			Annual
Monitoring Sites	2011	2012	% Change
Tryon (001:02)	4,432	4,465	0.7
North River (001:07)	22,260	22,412	0.7
Hillsborough Bridge (001:11)	31,799	32,828	3.2
Cherry Valley (001:12)	7,202	7,180	-0.3
Marie (002:04)	2,558	2,591	1.3
Pleasant Valley (002:13)	6,075	6,163	1.4
Richmond (002:17)	5,107	5,185	1.5
Cavendish (006:09)	1,657	1,847	11.5
Milton (007:01)	1,871	1,929	3.1
O'Leary (142:03)	1,501	1,499	-0.1
Confederation Bridge	4,041	4,057	0.4
Albany (01A:01)	3,439	3,386	-1.5
Total	91,942	93,542	
Annual average provincial traffic growth for 2012 (as a % growth over 2011)			1.74%

EASTERN REGION TRAFFIC OPERATIONS

Highway Signage
Installation and maintenance of highway signs were carried out by one full-time sign crew based out of Bridgetown, two full-time and one part time sign crews based out of Charlottetown. In addition to highway signs, the crews were responsible for the installation and maintenance of the Tourism Directional Signage, 911 signage, signing detours and some construction signage. Theft of both private and public road signs continues to be a problem.

Tourism Directional Signs
Administration of Tourism Directional Signs was carried out by the Department of Economic Development and Tourism. Sign orders were passed on to the provincial sign shop in Tignish and after manufacture, were installed by the regional sign crews. There were 68 new signs manufactured for new clients and 5 signs that were damaged or faded were replaced. There were 76 signs removed for clients who are no longer in the program.

Highway Marking
Centerline marking was applied to approximately 3,800 km of existing highway by the centerline striping machine based out of Charlottetown. In addition to this, 22 kilometres of new construction was pre-marked and painted. Shoulder lines and lane lines were applied to 427 kilometres of arterial highway. Edge lines were painted on approximately 34 km of arterial highway and 95 kilometres of Collector Highways. Department crews also painted streets in the Cities of Charlottetown and Summerside, the Confederation Bridge and Parks Canada.

Intersections in the region were re-painted by the intersection marking crews, based out of Kings County and Queens County. Permanent markings were applied to some major intersection as part of capital upgrades. Raised pavement markings were installed on Route 1 From Crapaud to Cherry Valley and on Route 2 from Charlottetown to Route 248 in Milton Station.

Highway Lighting
Maintenance of highway lighting was carried out by Hansen Electric in Queens County and by Foster Campbell Electric Ltd. in Kings County.

Area Lighting in the region was improved at the new roundabout in Poole's Corner by installing LED lighting.
Flashing beacons and lighted barricades were used for detours and in advance of some major highway construction projects.

Access Control
Applications for Entrance Way Permits on Arterial and Seasonal Highways were processed as well as stopping sight distance assessments for new dwellings and commercial operations. Fees were collected for the installation of new entrance ways for new dwellings and agricultural use.

WESTERN REGION TRAFFIC OPERATIONS

Highway Signage
Two full time sign crews erected and maintained signage throughout the region, which includes directional signage, community signs, scenic route signs, street name signs, warning signs, 911 road name signs and regulatory signs. In addition to this, crews continued to erect and maintain detours for highway construction sites. The sign crews continue to erect and maintain the Tourism Directional Sign standards.

Highway Marking
The centerline marking was applied by the TIR striping truck and the shoulder lines were applied by the smaller TIR striping truck. Centerline marking was applied to approximately 800 km of existing highway, and 26 km of asphalt resurfacing, and 11 km of new construction. Shoulder lines or edge lines were painted on approximately 200 km of highway. Intersection marking was applied by the intersection marking crew based in Summerside. Permanent markings were applied to some major intersections as part of Capital upgrades. Raised pavement markings will continue to be installed to enhance the pavement markings on the Arterial Highways .

Highway Lighting
Highway lighting is maintained under one maintenance contracts: Albany Interchange/Borden Carleton Scale House was maintained by Waite's Electric. Maintenance of traffic signals, flashing beacons and other lighting was carried out as required. Flashing beacons, lighted barricades and message boards were used for detours and in advance for the major highway construction projects. TIR has started changing Low Sodium Lighting over to LED Lighting which has reflected in power energy savings.

New High Pressure Fixtures (150 watt) as follows:
- Rte 2 and Foy Road - one HP Light
- Slemon Park Roundabout - 26 LED Lights

Highway Access Control
Under the Roads Act, Highway Access Regulations, safe stopping sight distance assessments are completed for commercial operations , agriculture entranceways and new dwellings. The section is also responsible for collection of fees for entrance way installations.

PROVINCIAL SIGN SHOP

The Sign Shop continued to produce highway signage for the Island. The sign shop has two ful-time classified positions, Tracy Gallant and Leanna A'Hearn as shop supervisor. We have one full-time casual position and a rotation of four other casual employees, as well as a rotation of two casual employees filling one position in our carpentry shop area.

The following is a breakdown of signage produced:

	Prince	Queens	Kings
Directional	67	33	104
Extruded signage	5	0	4
Overhead Extruded	1	1	0
Public Road Names (911)	353	298	73
Private Road Names (911)	16	15	17
Regulation and Warning	1285	153	174
Route Assemblies	264	38	0
Community	30	18	24
Street Signage	11	6	16
HISS	21	26	39
Construction	181	27	16
Total	2234	615	467

Un-invoiced Signage within our Department

Signs sent to Charlottetown Stock	1785
Construction Signs sent to Charlottetown Stock	524
Build PEI Boards	5
Specialty Signs within Department	148
Public Works directory slats	600
Public Works door number tags	223
Vinyl numbers of guardrail numbering	400
Vinyl lettering for traffic cones	900
Public Works Name Plates	132
Public Works Other Signage	35
Sub-Total	4752

Invoiced Signage

Other Departments	308
Public Works	26
Parks Canada	128
Rails To Trails	217
Rails Delineators	2500
Municipalities	247
Construction	24
Other Companies	20
Sub-total	3470

Totals

Prince County	2234
Queens County	615
Kings County	467
Un-invoiced signs	4752
Invoiced signs	3470
Total of Signage Produced	11538

MAPPING AND GEOGRAPHIC INFORMATION SYSTEM – TRANSPORTATION (GIS-T)

In the fiscal year 2012/13, the Mapping and GIS-T section was involved in a number of on-going and new initiatives. There continued to be two staff members assigned to work in this area.

This year, winter maintenance contracts were re-issued with a new approach to sanding activities and wholesale changes to routes. The GIS database used to map this information received extensive changes as a result of the new contracts. All contractor and government routes for both plowing and sanding were mapped upon extensive review of the winter services that roads receive. As a final exercise, individual route maps were prepared as well as county and provincial maps.

As with past years, an updated release of the National Road Network for Prince Edward Island (PEINRN) was completed. This year's version included an extra attribute for seasonality. The efforts made to update winter maintenance activities were transferred to the NRN centreline to enhance the dataset. PEI is the only jurisdiction with a full compliment of attributes, both mandatory and optional, for its road network.

The project to create a GIS database to map the provincial *Access Regulations* continued again this year. Interviews have been finished with district supervisors to verify current road maintenance activities and findings have been documented. All roads within the province were coded with a classification type based on the research that was conducted. Some additional research is still needed and an approval process is being developed to officially adopt the updated road classifications as part of the department's regulations.

Work was done in support of the Bonshaw - New Haven TCH alignment project this year. A series of maps were prepared for the site showing things like aerial photography, detailed contours, crown/private properties and hydrography. In addition, proposed parkland expansion maps and future landuse concept maps were also drawn.

A mapping project for the Materials Lab to show pavement quality of the province's major roads was untaken this year. Extensive field data was formatted in such a way so that it could be displayed with GIS. Upon completion, an impressive and detailed layer of information was produced that visually revealed pavement qualities in a way that was never seen before over such a large network of roads.

The GIS-T section continued to perform mapping and data analysis services for the department and associated agencies. Some examples of typical mapping requests would be special event logistical planning maps; presentation and proposal maps; routing and detour maps; district and work zone maps; tender and construction location maps; property and site contour maps; hydrographic and watershed maps; infrastructure and facilities maps; and aerial imagery and base maps.

Some work was also completed in support of initiatives beyond the department. This would include preparing school zones maps for the amalgamated English Language School Board and site development maps for the Hermanville wind turbine project.

HIGHWAY MAINTENANCE DIVISION

GENERAL

The Highway Maintenance Division provides a full range of operation and maintenance services on the entire provincial highway system. The Division is organized by function into the following sections and work units:

Provincial Headquarters

- Central management functions, program development, budgeting, inventory control, bulk purchasing and contract preparation.
- Technical services relating to standardized policy and procedure for work crews, as well as staff training and development.

Highway Maintenance - Eastern, Central and Western Region Operations

- Maintenance and superintendence of all provincially owned roads across the Province.
- Services include: pavement surface maintenance, roadside maintenance, drainage and storm water, unpaved roads, dust control, snow and ice control.
- Maintenance of bridges, signage, pavement marking and traffic control devices is provided by other divisions of the Department.

Mechanical Branch - Eastern, Central and Western Region Facilities

- Supply, maintenance and general management of a large fleet of heavy equipment and light vehicles used directly to execute the work programs delivered by the respective Region operations.
- Provision of skilled operators and equipment operations.

Confederation Trail Maintenance

- Maintenance and superintendence of all maintenance carried out on **414** km of the former CN rail corridor (Confederation Trail).
- Services include: vegetation control, culvert replacements and repairs, ditching, surface maintenance, shoreline protection and grass cutting. Maintenance of bridges is provided through the Department's Bridge Maintenance section.

Polyethylene and Corrugated Steel Drainage Pipes

During the year, the Division tendered and purchased both polyethylene and corrugated steel drainage pipe which were installed in various locations throughout the Province. Polyethylene drainage pipe is most widely used based on cost, ease of handling and durability.

Atlantic Hy-Span Ltd. was awarded the contract for supplying the corrugated steel drainage pipe and Campbells Concrete was awarded the contract for supplying the polyethylene drainage pipe. The total value of both corrugated steel and polyethylene drainage pipe purchased by the Department for its maintenance projects during the season is as follows:

	Corrugated Steel	Polyethylene
Guillevin International Co	---	$313,201
Campbells Concrete	$26,970	---

The following length of pipe was **INSTALLED** by the Highway Maintenance Division for the year.

Pipe Diameter	**Central Region**	**Western Region**	**Eastern Region**
Corrugated Steel	**(Metres)**	**(Metres)**	**(Metres)**
300 mm	0	9	24
400 mm	40	0	12
500 mm	29	24	3
600 mm	41	18	17
800 mm	0	0	0
900 mm	6	0	3
1200 mm	0	0	0
TOTAL	**116**	**51**	**59**
Pipe Diameter	**Central Region**	**Western Region**	**Eastern Region**
Polyethylene	**(metres)**	**(metres)**	**(metres)**
300 mm	49	18	41
375 mm	1,326	825	471
450 mm	2,148	1,181	506
525 mm	0	0	0
600 mm	566	781	243
750 mm	85	56	3
900 mm	73	62	0
1200 mm	12	0	0
TOTAL	**4,259**	**2,923**	**1,264**

During the year the Highway Maintenance Division undertook the following installations of pipe:

Type of Installation	**Central Region (metres)**	**Western Region (metres)**	**Eastern Region (metres)**
New Installations	1,770	756	476
Replacement	1,758	1,834	637
Extension	223	47	50
Cross culvert	268	277	127

Confederation Trail	255	48	0
Water Problems	74	12	24
Relocate	27	0	9
TOTAL	**4,375**	**2,974**	**1,323**

Note: Figures do not include length of pipe acquired by Capital Projects

Used Corrugated Steel Pipe
The Division continues to follow policy developed for re-sale/re-using culverts to bridge various wood lots, farms and private home entrance ways. With the use of polyethylene pipe and the City of Charlottetown doing their own work, the availability of used pipe in acceptable condition for re-sale or re-use is becoming limited.

Crack Filling
This is a process whereby a hot rubberized asphaltic compound is used to fill random cracks in the paved highway system in order to prevent water from entering into the substructure.
In 2012-2013 the Department sealed approximately **51,745** metres of cracks, using a total of **8,226** kg's of sealant material.

Technical Services
During the year, the Technical Services Section continued to provide required training programs and developed standardized work procedures for the benefit of front-line maintenance staff. Most training has been in-house, utilizing resident expertise. In selected areas, other provincial Departments (e.g. Forestry Division) and outside agencies, including Red Cross instructors, have participated.

Subject matter included but not limited to:

- Occupational Health and Safety Regulations
- First Aid and CPR
- Work Zone Safety
- WHIMIS
- Crew Orientations
- Winter Operations Orientations
  - Operators
  - Road Patrol
  - Dispatch
  - Supervisor
- Dickey John Training/Testing
- Driver Training
- Highway Maintenance Procedures and Policies
- Crane Training
- Management and Supervisory Training
- Fork Lift Training
- Chain Saw Operation Certification
- Confined Space Training

In excess of **500** employees continue to receive training ranging from one-half day workshops to one-week sessions. The objective of these sessions is to improve awareness of safe and productive work practices.

EASTERN REGION: SUMMER MAINTENANCE (summer 2012)

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **14,568.92** tonnes was used by the branch for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread **3,402.01** tonnes. Private contractors supplied/placed **11,166.91** tonnes of asphalt over **15.60** kms.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Matheson and MacMillan	4,174.53
Island Construction	504.22
Chapman Brothers	9,890.17
Total	**14,568.92**

Resurfacing

During the 2013 maintenance season **no** roads were re-surfaced using Department equipment and personnel. The following roads were re-surfaced by private contractors, Chapman Brothers and Island Construction, through supply and place contracts:

Kings 1- Chapmans

Road Name	Kilometres
Rte 16, South Lake	0.60
Rte 016, Black Pond	1.10
Fortune Rd, Red Head	0.50
Park Road	0.20
Total Kms	2.40

Kings 2 - Chapmans

Road Name	Kilometres
Rte 350, Canavoy Road	1.30
Rte 321, Bangor Road	0.70
Green Meadows crosspipe	0.00
Selkirk Road crosspipe	0.00
Rte 336, Cable Head West	1.90
Total Kms	**3.90**

Kings 3- Chapmans

Road Name	Kilometres
Rte 343, Kayes Road	1.20
Rte 354, Dalmaney Road	0.40
Rte 342, N. Royalty E	0.70
Rte 312, Strathcona Road	1.10
Shore Road, Cardigan	0.30
Total Kms	3.70

Kings 4 - Island Construction

Road Name	Kilometres
Rte 004, Wood Islands	0.70
Clements Road	0.70
Rte 017A, Cambridge Road	1.00
Brians Road	0.50
Pembroke Road	0.30
Rte 318, St. Mary's Road	1.60
Rte 017, Albion Road	0.80
Total Kms	5.60

Total number of kilometres re-surfaced in the Eastern Region: **0** kms by Department forces; **15.54** kms by private contractors.

Bush Cutting

During the season, three Government mechanical bush cutters cut bushes along the highway. Approximately **568** kilometres were cut. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

Road Maintenance

During the year, seven graders in the county carried out grading services on the unpaved road network, grading approx. **2034 kms.** These kilometers reflect multiple trips over the **280** km of seasonal roads and **142.5** kms of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

SANDSTONE (t)	GRAVEL (t)	ROCK (t)
13211	3529	548

Sandstone and/or gravel was placed as a new surface material and new culverts, driveway or cross pipes were installed as required.

On the paved road network a number of drainage problems were corrected. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required.

The amount of culvert material installed was as follows:

SIZE	LENGTH (metres)
Corrugated Steel Pipe	
300mm	24
400mm	12
500mm	3
600mm	17
800mm	0
900mm	3
1200mm	0
Total	**59**
Polyethylene Drainage Pipe	
300 mm	41
375 mm	471
450 mm	506.0
525mm	0.0
600 mm	243.0
750 mm	3.0
900mm	0.0
1200mm	0.0
Total	**1264**
Other Pipe	
Other	1323
Total	**1323**

Guardrail and Roadside Maintenance
Various crews are utilized periodically within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting
The Division cuts grass on approximately **1,500** kms of road in the Eastern Region. One private grass cutter, equipped with a rotary mower, maintains **162.09** kms of roadside grass. This contractor was contracted to cut grass from the middle of June until the end of September. In addition, three Department-owned farm tractors, equipped with rotary mowers and side cutter attachments, were utilized for roadside grass cutting on the balance of approximately **1,338** kms throughout the Eastern Region.

Shoulder Material
During the past year, shoulder material was used to upgrade and repair worn out sections of shoulders.

Dust Control
Maintenance crews used **594,** 20-kg bags flaked calcium chloride to control dust in specific locations.
Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of approximately **117,021** litres were used to treat approximately **75** kilometres of road.

The accompanying tables provide the location and extent of work done in each zone during the year:

Kings Zone K-1 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Ancelm MacDonald	0.45			0.50			
Basin Head, Kingsboro							0.15
Big Pond			0.08				
Black Pond	0.01						
Bothwell, East Road				0.25			
Bothwell, Rte. 016	0.20						
Bull Creek S	0.15						0.75
East Road, Kingsboro S	0.10						
East Road, Red Point	0.33						
East Road, South Lake	0.07						
Father James Road			0.03				0.60
Fraser Road			0.06				
Greenvale Road					0.25		0.70
Heritage Road			0.04				
Hughie Joseph Road					0.13		
Johnston Road							0.60
Little Harbour Road	0.10						
MacAulay Road, North Side		0.35	0.25				

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Middle Tarantum Road					0.40		0.10
New Zealand Road					0.38		
Park Road							0.10
Pensioners Road							0.20
Sheep Pond Road					0.03		
Souris Line Road	0.13			0.10	0.02		
Souris Wharf					0.01		
St. Catherines			0.02		1.00		
St. Margarets							0.10
Totals	**1.54**	**0.35**	**0.48**	**0.85**	**2.22**	**0.00**	**3.30**

Kings Zone K-2 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Anderson		0.10					
Barr			1.00		0.60		0.40
Bennett							0.20
Big Lot		0.50					0.20
Cable Head West		0.20					
Canavoy		1.20			0.20		0.30
Cemetery Road	0.10						
Cherry Hill Road				0.30			0.30
Church Road		0.20		0.20			
Clay Road	0.20			0.10			
Curtis Road			0.30		0.30		0.20
Douglas Station Road		0.30		0.10			0.10
Dunphy Road							0.30
Fanningbrooke Road					0.30		
Farmington, Rte. 002				0.30			0.10
Fort Augustus Road				0.10			0.10
Gays Road	0.10						0.10
Green Meadows				0.30			0.20
Hatchery Road			0.30				2.00

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Head of Hillsborough				0.30	0.10		
Klondike			0.30				0.20
Lighthouse Road							0.10
MacEwen Road			0.30				0.30
MacLaren Road			0.10				0.30
MacLeod Road	0.20						
MacMillan Road			0.30				
MacSwain Road			0.20				0.20
Marie, Rte. 002				0.60			
Marsh Road			0.20				0.20
Milburn Road				0.30	0.20		0.20
Mooney Road		0.30	0.20				0.30
Morell East				0.10			0.20
New Road		0.20	0.20				
Pine Tree Lane	0.10				0.10		
Red Head				0.40			
Sandy Cape			0.10				
Skunk House			0.10				
St. Andrews					0.20		
St. Patricks Road				0.40			0.20
St. Peters, Rte. 002				0.30			
St. Peters Harbour Road				0.20			0.20
Windon	0.10			0.10			
TOTALS	**0.80**	**3.00**	**3.60**	**4.10**	**2.00**	**0.00**	**6.80**

Kings Zone K-3 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Alleys Mill Road				0.30			
Brothers Road		0.10	0.10				
Chapel Road					0.06		
Clay Road							0.08
Collins Road					0.40		
Dalmaney Road					0.20		
Dundas Farms			0.18				

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Emerson Road		0.40	0.40				
48 Road				0.30			
France Road					0.13		
Greenfield Road					0.09		
Hazelgreen Road							0.08
Launching Road, Rte. 311					0.30		
Lorne Valley Road		0.10					
McCarron Road							0.10
Mellish Pond Road			0.20				
Old Mt. Stewart Road					0.50		
Perth Station Road							0.13
Pond Road					0.09		
Power Road					0.04		
Queens Road					0.05		
Seven Mile Road, Bridgetown				0.20			
Shore Road				0.20			
Tassell Road							0.20
Total	**0.00**	**0.60**	**0.88**	**1.00**	**1.86**	**0.00**	**0.59**

Kings Zone K-4N Eastern Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Dalmaney Road S					0.50		
Loane Road							0.50
Lower Montague Road				1.40			
MacDonald Road					0.30		
Mellish Pond Road			0.20				0.10
Queens Road				0.80			
Robertson Road							0.50
Roma Point Road							1.00
Thornton Road			0.20				1.50
Valleyfield Road							2.00
Whim Road						0.20	2.00
Total	**0.00**	**0.00**	**0.40**	**2.20**	**0.80**	**0.20**	**7.60**

Kings Zone K-4S Eastern Region - Maintenance Activities

	in Kilometers						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Brian's Road				1.00			
Cambridge Road				2.00			
Camp Fairhaven Road		0.50	0.30		0.50		
County Line Road					0.50		
Floating Bridge Road	0.20		0.40				0.20
Greek River Road							1.80
MacFarlane Road			0.10				
McCarron Road			0.10				
Milltown Cross							1.00
Munn's Road			0.20				
Murray Harbour N				1.00			1.00
Norman's Road				1.00			
Pembrooke Road				0.60			
Peter's Road, Alliston					0.10		1.00
Peter's Road					0.30		
Pioneer Cemetery Road							0.20
Riverside Drive				0.50			0.20
Ross Road		0.60					0.30
Spring Road					0.50		
St. Mary's Bay Wharf Road							0.50
St. Mary's Road				2.60			
Toronto Road				0.60			0.50
Wood Island Road				1.40			2.00
Total	**0.20**	**1.10**	**1.10**	**10.70**	**1.90**	**0.00**	**8.70**

EASTERN REGION: WINTER MAINTENANCE (winter 2013)

Winter activities in the Eastern Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used: There were **7,554** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased **937** tonnes of salt to blend with its winter sand. The Region purchased **22,003.2** tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 40 percent imported sand (1/4" minus stone) and 60 percent local sand. This material was stored at seven **7** sites throughout the Region. No additional tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2013 season.

Ice Control
Ice control on sections of Highway 2, 3, 4 and 16, as well as Souris and Montague main streets, including **148.9** kilometres of road, were maintained by direct salt application. Services also included pre-wetting on Rte. 003 as warranted by road conditions.

Sanding Operations
Approximately **1,041** kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by **5** sanding contractors using Department installed hoppers and spreaders. Winter sanding contractors completed their **1-year** contract. In addition, 7 department trucks were utilized to provide service to various locations throughout the County.

Snowfall Records
Total snowfall as recorded by Environment Canada recording station volunteers in the Eastern Region was:

Location	Recorded (cm)
Kingsboro	187.8
Morell	233.4

Snow Fence Report
The Department installed approximately **5,154** metres of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Contracted Services
The following is a breakdown of the contracted sanding and snow removal services for the first year of a 7-year contract with private contractors.

Contractor	Kms Plowed
Chapman Bros.	**149.3**
G & P Trucking	**97.3**
Kenny MacLeod	**101.0**
Kings County Construction	**101.0**
TOTAL	**448.6**

The Department was responsible for plowing, sanding and salting **688.80** kilometres of highway. To this end, **23** plow routes and **five** snow blowers (#240/#251/#255/#91224 and #63224) areas currently exist. Below, is the breakdown of the kilometres for which the Department was responsible for plowing, sanding and salting:

Eastern Region

Location	Kms	Graders	Blowers	Loaders	Truck
South Lake	23.8	X			
Bayfield	27.7	X			
St. Charles	36.1				1

Location	Kms	Graders	Blowers	Loaders	Truck
Forest Hill	24.3	X			
Savage Harbour	31.8				1
Morell	**24.8**				1
St. Teresas	**28.4**				1
Bridgetown	**28.9**				1
Georgetown	32.4				1
Annandale	35.0				1
Strathcona	21.5	X			
Cardigan	36.5				1
St. Georges	34.2				1
Montague	21.4				1
Whim Road	28.6				1
Murray River	37.0				1
Morell East	31.2				1
Guernsey Cove	33.7	X			
Hopefield	39.1				1
Gaspereaux	39.8				1
Souris (includes streets salted)	28.0				1
Cardigan (includes areas sanded)	33.7				1
Murray River (streets)	10.7			X	
Total	**688.8**	**5**	**5**	**1**	**17**

The Department was also responsible for plowing the streets within the Town of Souris, as well as the Villages of St. Peters, Cardigan, Mt. Stewart, Morell, Murray Harbour, Murray River, Montague and Georgetown.

CENTRAL REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the first week in June to the second week in October. A total of **31,763.69** tonnes was used by the branch for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Divisions maintenance budget. Hand patching crews spread **5,516.23** tonnes. Private contractors supplied/placed **26,157.46** tonnes of asphalt over **30.76** kms.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Curran & Briggs	98.76
Central Roadways	3,803.17
Chapman Bros.	5,263.51
Island Construction	17,484.89
M & M Resources	5,023.36
Total	**31,673.69**

The following roads were resurfaced by private contractors through supply and place contracts:

Queens 1

Road Name	Kilometres
Avondale Road	0.50
Garfield Road	0.80
MacAulay Wharf Road	0.70
Pownal Road	1.40
Roseberry Road	1.00
Vernon River Road	1.65
Websters Corner	0.50
Total Kms	**6.55**

Queens 2

Road Name	Kilometres
Maple Hill	1.00
Marion Drive	0.75
Mt. Herbert	1.00
Reddin Heights	0.30
Total Kms	**3.05**

Queens 3

Road Name	Kilometres
Bedford Road	0.86
Britain Shore Road	1.20
Eastern Road	1.00
Heather Drive	0.35
MacKenzie Road	0.35
Pleasant Grove	2.00
Portage Road	1.20
Queens Point Road	1.00
Sleepy Hallow Road (Firemens Training Ctr)	0.20
Rte. #225	1.40
Suffolk Road	1.00
Total Kms	**10.56**

Queens 4

Road Name	Kilometres
Clarkin Road	1.10
Colville Road	0.50
Cornwall Road	0.80
Maplewood Road	0.60
New Argyle Road	0.70
Peters Road	1.00
Rte. 19, Desable	0.50
Sandy Point Road	0.45
Upper Meadowbank Road	1.40
York Point Road	0.80
Total Kms	**7.85**

Queens 5

Road Name	Kilometres
Leards Mill Road	0.30
Rusticoville	0.85
Toronto Road	1.60
	2.75

Total number of kilometres resurfaced in Central Region is: **30.76**

Bush Cutting

During the season, two Government mechanical bush cutters cut bushes along the highway. Approximately **382.7** kilometres were cut. Department crews, consisting of a foreman, three labourers, and a half-ton truck, followed the mechanical bush cutters to pick up debris and trim where the cutter could not reach. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

Road Maintenance

During the year, graders were used to scrape and maintain the unpaved road network. In some cases, roads were also ditched and loaders and trucks (Department and privately-owned) were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

Sandstone (m3)	Sandstone (t.)	Gravel (m3)	Gravel (t)	Rock (t)
2,480	19,561	81	22,921	2,287

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required.

A number of drainage problems were corrected on the paved road network. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required.

The amount of culvert material installed was as follows:

Size	Length (metres)
Corrugated Steel Pipe	
300mm	0
400mm	40
500mm	29
600mm	41
800mm	0
900mm	6
1200mm	0
TOTAL	**116**
Polyethylene Drainage Pipe	
300mm	49
375mm	1,326
450mm	2,148
525mm	0
600mm	566
750mm	85
900mm	73
1200mm	12
TOTAL	**4,259**
Other Culvert	
Other	4,375
Total	**4,375**

Guardrail and Roadside Maintenance
Three roadside crews were employed within the Region to repair damaged sections of guardrail. These crews also cut grass and weeds around guardrails and guideposts in each district.

Grass Cutting
The Department hired two private grass cutters to maintain **309.3** kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, **4** farm tractors were utilized for roadside grass cutting on the balance of approximately **2,136** kilometres throughout Central Region.

Shoulder Material
During the year shoulder material was used to upgrade and repair worn out sections of shoulders.

Dust Control
Maintenance crews used **104** twenty kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of **267,701** litres was used to treat **87** kilometres of road.

The accompanying tables provide the location and extent of work done in each district during the year:

Queens 1- Central Region - Maintenance Activities

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Trans Canada				2.50				1.70
Gill Road								
MacAuley's Wharf Road		0.40				0.50		
Settlement Road		1.00			1.00			
Taylor Road								
Drake Road								
McGuirk Road								
Gairlock Road								3.00
Storey Road				0.10				
Point Prim					0.10			7.00
Glashvin Road								4.00
Newtown Road								6.00
Rte. #3, Alberry Plains								3.00
East Uigg Road		0.20			1.90			
Seal River Road	0.10				1.20			
Murray Harbour Road					0.20			
Gay Road				0.80				
Avondale Road								3.00
Monaghan Road				0.40				
Cook Road								
Center Road					1.70			

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Pownal Road				2.40				
Pinette Race Track					0.20			
Douses Road								
Settlement Road					0.20			
Murray's Road						4.70		
Alexandria Wharf Road						1.10		
Queens Road								0.10
Village Green						1.60		
Waterside Road.						1.10		1.10
New Cove Road.								1.50
O'Keefe Lane						0.90		
48 Road								6.50
Stewart Point								
Cullodden Road						4.00		
Dugan Road								
Angus J MacLean						3.00		
Lauries Road						2.20		
Orwell Cove Road								6.00
New Cove Road								
Iona Road								4.00
Pioneer Cemetery Road						0.90		
Crawford Road						0.50		
Wood Islands Road								
Camp Road								
Selkirk Road								
Glencoe Road						1.40		5.00
Ryans Road		0.40			2.00	2.00	0.40	2.00
Wood Islands Day Park						0.30		
Klondyke Road						3.20		
Wheeler Road								
MacPhail Park Road	0.20					1.50		
Big Point Road								
High Bridge Road								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Greys Road								
Kinlock Road								
Cameron Island Road						0.50		
Horton Road		0.30						
Lyndale Road								
Henry Ln								0.90
Roseberry								4.00
Nickleson Road								
County Line Road								
Big Point Road								
Garfield Road								
Munn's Road								
Culloden Road								
Camp Buchan						0.60		
Dan Compton								
Holiday Wharf					0.10			
Gillis Road						1.10		
Vernon River								
Queens 1 (unpaved roads ... scraped)							0.80	
Total	**0.30**	**2.30**	**0.00**	**6.20**	**8.60**	**31.10**	**1.20**	**58.80**

Queens 2- Central Region - Maintenance Activities

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Aptos Drive								
Brandy Lane								
Clifton Road					0.10			
Glen Stewart Drive						0.20		
Kinlock Road	0.10							
Keppoch Road								1.00
Keppoch Lane								
Marion Drive								
Mt. Herbert Road					0.30			0.25

Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Tap Drains	Bush Cutting
Teahill Road								
Upper Teahill Cresc.								0.75
Robinson Road								0.60
McKenna Road								0.75
MacEachern						1.50		1.50
Power Road			0.20			2.00		1.00
Higgins Road						2.00		
Bethel Road					0.25			0.60
Bunbury Road								2.00
Corwn Point Road						1.30		
Rifle Range						0.90		
Duffy Road						0.80		0.50
Owen Lane								
Fort Augustus				1.00				3.00
Charlottetown								1.00
Gay Road				1.00				0.75
MacLennan Road								
Pownal Road				1.50	0.50			3.00
Tallie Road			0.60			0.75		3.00
Queens 2, unpaved roads, scraped								
Total	**0.10**		**0.80**	**3.50**	**1.15**	**9.45**		**19.70**

Queens 3 - Central Region - Maintenance Activities

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Afton Road	2.00		1.05	1.50	1.50	9.50		5.00
Bedford Road								12.00
MacGilivary Road						0.80		0.50
Reg McInnis Road						1.80		
Battery Road						2.40		1.50
Old Bedford Road						3.30		
Horne Cross Road								

Road Name	in kilometres							
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Tap Drains	Bush Cutting
Fort Augustus Road				2.00				14.20
Millcove Road		0.30				2.20		
Monaghan Road								7.00
Mt. Stewart Road				2.50				3.00
Pisquid Road								4.60
Pt. DesRoches Road			0.60		1.00	6.10		4.00
Queen's Point Road				2.00		2.90		3.40
Simmons Lane Road		0.25						2.00
Tracadie Harbour								2.00
Watts Road						2.10		2.10
Portage Road						3.80		
Old Cardigan Road						4.40		
Joey's Road						1.70		
Blooming Point Road								0.50
Corrigan Road	0.40		0.60			2.70		
Beach Road	0.60							
MacDonald Road			0.15			1.60		
MacIntyre Shore Road		0.30				1.10		1.20
Brackley Point Road					0.30			18.00
Covehead Road								10.00
East Suffolk				1.00				2.00
Fristen Road								3.00
Hardy Mill Road					0.30			33.00
MacMillan Point Road								
Normandy Lane					1.80			
Pleasant Grove Road								6.00
St. Peters Road				12.00	0.40			20.00
Frenchfort Road		0.30	0.30		0.50	5.50		

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Black River Road					0.15			
Dromore Road		0.25						
Guerney Road		0.20						
McInnis Road			0.15					
Donaldston Road								3.20
Bob Laird Road			0.10				2.60	
Cape Breton Road							6.30	
Parker Cross Road							2.60	
York Road								4.30
Malpeque Road								
Royalty Junction Road								1.00
Rustico Road								10.00
Sleepy Hollow Road				2.00				0.10
Union Road					0.30			7.00
Winsloe Road					0.25			14.00
Anderson Road			0.20			5.70		
Dougan Road						1.80		2.00
Kilkenny								
Creek Road								3.00
Highbridge Road						5.30		
Ebenezer Road				4.00	0.20			6.20
Wildcat Road						1.00		
Queens 3 (unpaved roads...scraped)						167.00		
Total	**3.00**	**1.60**	**3.15**	**27.00**	**6.70**	**232.70**		**205.80**

Queens 4 Central Region - Maintenance Activities

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Appin Road					0.2			
Argyle Shore Road								
Balakalava Road								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Baltic Road			0.11					
Bannockburn Road								0.7
Black Creek Road								
Bolger Park								
Blockhouse Road								
Bonshaw Road								
Callaghan Road		**0.05**			**0.05**			
Cameron Road 22135								
Cameron Road 22098								
Canoe Cove Road				0.5				
Causeway Road								
Charles Lane								
Clarkin Road				1				4
Clyde Road								
Clyde River Road								
Collette Road								
Colville Road				0.8				12
Cornwall Road				0.10				7.00
Cottage Road			**0.05**		**0.05**			
County Line								
Country View Drive								
Cowhorn Road								
Cumberland Line Road								
Currie Road				**0.05**				
Darlington Road								
Darrach Road								
Dock Road				1.00				3.00
Elliot River Road								
Farrar Road								
Ferguson Road					0.4			
Ferry Road								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Green Road			0.1		0.1	0.1		
Halls Lane	0.5							
Highland Park Road								
Hyde Point Road								
Inkerman Road								10.00
Jewell Road								
Kingston Road								15.00
Kinkora Road				4.00				12.00
Linwood Road								
Loyalist Road								
MacDonald Road								
MacEachern Road West								2
MacEachern Road East								
Maplewood Road	0.10			1.00		0.10		
McKenna Road								
Mill Road Hampton								
Mill Road Warren Grove								
Mill Road Wiltshire								
Meadow Bank Road				4.00				
Molyneaux Road								
Monument Road								
New Dominion				0.50				
North York Point Road								
Wharf Road Nine Mile Creek								
Oyster Shack Road								
Rocky Point Wharf								
Warren Grove Road								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
West River Road								5.00
Wharf Road								
Malpeque Road								
Johnston Road					0.50			
Peters Road				1				
Ross Road								
Rice Point Road								
Upper Meadowbank				1				
TCH New Haven								
TCH Churchill								
TCH Bonshaw				0.2				
Riverdale Road								5
Park Road Canoe Cove		**0.05**						
South Melville Road								7
West River Road								
Quinn Road								
Sandy Point Road								
Sheepskin Road								
Wynn Road								
Old Post Road								
St. Catherines Road								
New Argyle Road				0.6				
Shaw Wharf Road								
Unknown Road								
Todd Road			0.1					
Old Appin Road								
Old Tryon Road								
Perley Shaw Road		0.3			0.3	0.3		
Park Road, Argyle Shore								
Osborne Road			0.2		0.2			0.1
Memory Road								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Nelson Street								
Shore Road								
Rte 13				0.3				
Old Tryon Road								
Old Mill Road Crapaud	0.05							
Wharf Road York Pt								
Cumberlind Rte 19								0.10
Zone 17 (unpaved roads ... scraped)						0.20		
Total	**0.65**	**0.40**	**0.56**	**14.75**	**8.10**	**0.70**		**89.20**

Queens 5- Central Region - Maintenance Activities

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Bagnall Road								
Bernard Road								
Campbell's Pond								
Grady Road								
Clifford Lane								
Cobb Road								
Junction Road								
Johnstone Road					0.4			
Kerrytown Road								
English Church								4
Long River East			0.4					
New Road								
New London Road								
Rattenbury Road				0.5				10
Rte. 6 Stanley Bridge				0.48				5
Rte. 20								
Rte. 13				3.1				10
Rte. 20, Seaview					0.2			11

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Snowie Road.								
Pickering Road								
Cousins Shore								
North Road								
Marks Road								
Rustico Road				0.83				10
Taylor Road								
Big Bungay								
Burlington Road								
Wharf Road Long River								
Pine Grove Road								
McCourt Road								
Smith Road				0.38				
Irishtown Road								
Millvale Road				0.1				12
Wharf Road, South Rustico								
Elton MacLean								
County Line Rte 232								
Warburton								
Center Road								
Bumble Bee			0.1		0.95			
Toronto Road		0.35						
Eddy Murphy Road								
Art Ford Crossroad			1.1		1.1			
Millman Road								
Millboro Road								6
Houston Road								4
Brander Pond								
Little Bungy								
Princetown Road								
Woodside Road			0.35		0.35			2.00
Broadway								
John Murphy								

	in kilometres							
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Graded**	**Tap Drains**	**Bush Cutting**
Walter Adams								
Coulson Road								
Yankee Hill								
Campell Road, Irish Town								
St. Andrews Road								
Long River West								
River Road								
Grahams Road								8.00
Cavendish Road				0.30	0.20			10.00
Buffalo Road								
Mill Road								
Old New London Road								5.00
Simpson Mill Road								
Settlement Road			0.10					
Trout River Road								
Clyde Road								
New Orleans								
New London								
Howard Road			0.40					
Breadalbane Road								
Tinny Road								
New Glasgow Road				0.94	0.25			
Campbellton Road								
Church Road								
Zone 18, unpaved roads, scraped						0.30		
Total		**0.35**	**2.45**	**6.63**	**3.45**	**0.30**	**0.00**	**97.00**

CENTRAL REGION: WINTER MAINTENANCE

Winter activities in Central Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

There were **22,814.50** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The region purchased **1,873.17** tonnes of salt to blend with its winter sand. The blended winter sand consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at **9** sites throughout the Region. **33,711.53** tonnes of blended winter sand was purchased for use in the Region.

Ice Control
Ice control on **185** kilometres of the main highways in the Region (a two-lane equivalent of **249** kilometres) was maintained by the direct application of road salt. Eight tandem and four single-axle trucks, equipped with automatic spreader gear were used for salt application. Department trucks were utilized to provide this service in the Charlottetown Perimeter Highway and the Town of Stratford.

Sanding Operations
Approximately **1,345** kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by **5** sanding contractors using Department installed hoppers and spreaders. Winter sanding contractors completed their **1-year** contract. In addition, **6** tandem and **4** single axle trucks were utilized to provide sanding service in Cornwall, Stratford, and the remaining collector roads in Queens county.

City of Charlottetown
The Department carried out snow and ice control on **23** kilometres of main streets in the City.

The City of Charlottetown purchased **10,048.97** tonnes of salt and **425.63** tonnes of blended sand from the Department.

Snowfall Records
Total snowfall recorded by Environment Canada recording station volunteers in the Central Region was:

Location	Recorded (cm)
Alliston	199
Elmwood	253.4
Long Creek	170.2
New Glasgow	233.3
Charlottetown	230.2

Snow Fence Report
The Department installed approximately **12,130** feet of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Contracted Services
The following is a breakdown of the contracted sanding and snow removal services for the first year of a 7-year contract with private contractors.

Contractor	Kilometres Plowed
Island Coastal East	95.06
Birt & MacKay	93.37
M & M Resources	89.95
Island Construction	127.86
Island Excavators	109.92
Maritime Construction	116.13
Matheson Construction	101.22
Matheson & MacMillan	88.20
Westisle Construction	155.31
Total	**977.02**

The Department was responsible for plowing **776** kilometres of highway. To this end, **24** plow routes and **6** blower routes were established. The following equipment was assigned and located as follows:

Central Region

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West, Ch'town to Crapaud	32.1				2
St. Peters Road, Ch'town to St.Peters	31.3				1
TCH East Ch'town - Eldon	35.4				1
TCH Eldon - Wood Islands & ½ of Selkirk Road	43.6				1
By-Pass Ch'town	5.6				1
Ch'town Rte.2 - Summerfield	37.3				2
Route 225 & Colville Road	35.4				1
Route 235 & 13	32.5				1
Rustico Road., Cavendish Road	29.5				1
Cornwall Subdivision	10.0				1
Cornwall Subdivision Cornwall Road to Kingston Road	12.1	1			
Murray Harbour, Kinross & SelkiRoad Road	39.5		1		1
New London, Stanley Bridge, Cavendish, Kensington & Malpeque	32.1	1			
Ebenezer, Mayfield and section of Rennies Road.	29.8				1
Rustico	18.1			1	
Cornwall, York Point	17.2			1	
Rice Pt & Rocky Pt.	34.3				1
Meadowbank, Ferry, York Point and section of Upton Road	30.9				1
StratfoRoad	52.3	1		1	
Murray Harbour, Kinross Road & section of Selkirk Road.	19.3				1
Ft. Augustus Road to Pisquid	20.7				1
Hillsborough Bridge & Kinlock Road intersections & Gov't buildings (salt)	8.0				1
48 Road.	27.5				1
Charlottetown Mains	29.4				2
Pownal, Crossroads, StratfoRoad & Keppoch	32.5				1
Garage Parking Lots				1	
Government Building Lots			1	2	
York Point Road to Pleasant Grove & section of Lr. Malpeque Road, Sleepy Hallow Road	18.9				1

Location	Kilometres	Graders	Blowers	Loaders	Trucks
Bradckley Point, Portage & section of Union Road.	24.4				1
BedfoRoad, Eastern, Black River & section of York Road.	27.3				1
By-Pass, Off Ramps, Hospital Entrance	6.1				1
Central Region (used where needed)			4		
Spares		2		1	2
TOTALS	**773.1**	**5**	**6**	**7**	**29**

WESTERN REGION: SUMMER MAINTENANCE (2012)

Hot mix asphalt for patching crews was available from the June to October. A total of **21,575.67** tonnes was used by the branch for repairing the Province's paved road network in the Western Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread **3,698.44** tonnes. Private contractors supplied/placed **18,177.23** tonnes of asphalt over **23.98** kilometres.

The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Curran & Briggs	12,210.04
Central Roadways	8,665.63
Total	**21,875.67**

Resurfacing

The following roads were resurfaced by private contractors, Curran & Briggs and Central Roadways , through supply & place contracts.

Prince Zone P-1

Road Name	Kilometres
Schurman's Point	1.30
Rte 116 Boulter Loop	0.45
Rte 10 River Road	0.65
Rte 107 Kerrytown Road	0.60
Rte 120 Wilmot Road	1.00
Total Kms	**4.00**

Prince Zone P-2

Road Name	Kilometres
Rte 122 Allen Road	1.50
Jean Paul Road	0.50
St Raphael Road	0.60
Cannontown Road	0.40
Thompson Point Road	0.70
Rte 20 Malpeque Road-Indian River	1.30
Waite Road-Sherbrooke	0.40
Malpeque Road	1.20
Total Kms	**6.60**

Prince Zone P-3

Road Name	Kilometres
Rte 132 Northam Road	0.50
Rte 168-Bideford Road	1.00

Prince Zone P-4

Road Name	Kilometres
Rte 154 Pridham Road	1.30
Hardy Road	1.0

Rte 127-Aldous Road	0.50
Higgins Wharf Road	0.80
Rte 14-West Cape	1.20
Ashton Road	0.60
Milligan's Wharf Road	0.80
Beaton Road	0.60
Canadian Road	1.00
Higgins Wharf Road	0.80
Total Kms	**7.80**

Jacques Cartier Park & Rte 12 at Park enterance	0.78
O'Rourke Road	0.50
Rte 12- Seacow Pond	1.20
Rte 12-St Felix	0.80
Total Kms	**5.58**

Total number of kilometres resurfaced in Western Region: **23.98** kms by private contractors.

Bush Cutting
During the season, three Government mechanical bush cutters cut bushes along the highway. Approximately **549.1** kilometres were cut. The Division also used a mechanical brush chipper and crew to eliminate the need to haul away the slash.

Road Maintenance
During the year, seven graders in the county carried out grading services on the unpaved road network. This would include **298** km of seasonal roads and **221** kms of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

Sandstone	Gravel	Gabion Rock	Other	Milings
6511.28	**19044.28**	**222.54**	**7033.53**	**7519.94**

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required. This work was financed through regular maintenance and capital budgets. On the paved road network, a number of drainage problems were corrected. Equipment used to carry out this work included Department or privately-owned ditching machines and trucks. New culverts were installed as required for new entrance ways and removal.

The amount of culvert material installed was as follows:

Size	Length (Feet)
Corrugated Steel Pipe	
300mm	9
400mm	0
500mm	24
600mm	18
800 mm	0
900 mm	0

1200 mm	0
Total	**51**
Polyethylene Drainage Pipe	
300mm	18
375 mm	825
450 mm	1,181
525mm	0
600mm	781
750mm	56
900mm	62
1200mm	0
Total	**2,923**
Other Pipe (Feet)	
Other	2,974
Total	**2,974**

Guardrail and Roadside Maintenance
Maintenance crews were employed within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting
The Department contracted five private grass cutters to maintain **838.8** kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, Department tractors were utilized for roadside grass cutting on arterial collectors and scenic drives of approximately **869.8** (2 passes) kilometres throughout the Region.

Shoulder Material
During the season, shoulder material was used to upgrade and repair low sections of shoulders.

Dust Control
Maintenance crews used **954** twenty kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of **231,059** litres was used to treat **116.8** kilometres of road.

The accompanying tables give location and extent of work done in each Zone during the year.

Prince Zone P- 1 Western Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
County Line Rd		0.30	0.30				
Lower Tryon Rod		0.40					
Train Station Rd		0.30					
Guardian Rd		0.20		0.20			
River Rd		0.20		0.30			
Middleton Rd	0.30	0.20					

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Tryon Cross Rd		0.20					
Tobin Rd		0.10					
Amerest Cove Rd			0.20		0.20		
Lecky Loop			1.10		1.10	0.10	
Drummond Rd		0.20			0.30	0.20	
Montgomery Rd			0.20				
Vernon Muttart Rd		0.20	0.20				
MacCalliums Rd			0.30				
MacQuarrie Rd			0.30				
Campbell Pt Rd Chelton			0.30				
Baker Shore Rd			0.20				
Bedeque Rink Rd		0.10			0.30		
Bradford Road				0.70	0.20		
Weir Road	0.20						
Cutcliff Road		0.20					
Blueshank Road				1.00			
MacIntyre Road				0.50			
Carins Road				0.50			
Mt Tryon Road				0.20			
Boulter Loop				0.10			
Dunk River Rd				0.20			
Maple Plains Rd				0.30			
Salvation Cove Rd		0.30					
Connelly Wood Rd		0.10					
Totals	**0.50**	**3.00**	**3.10**	**4.00**	**2.10**	**0.30**	**0.00**

Prince Zone P- 2 Western Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Rte 104 Margate Rd		1.30					
Thompson Shore Rd			0.60				
Belmont Park Rd			1.10				
St John Rd			0.50				

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Cannontown Rd		1.90					
Rte 104 Spring Valley end					0.20		
Rte 104 Hamilton Loop					0.11		
Lyle Rd						0.40	
Belmont Rd					0.15		
Rte 11-Cap Egmont					0.35		
Rte 124 Abrams Village					0.86		
Mill Road Wellington					0.26		
MacIsaac Rd					0.20		
Rte 11 St Chrysostome					0.09		
Sonny Gallant Rd						0.06	
Old School Rd							0.80
Crafer Rd							1.50
Holmes Road							0.60
St John Rd							1.50
Rte 11 Cap Egmont							0.50
Totals	**0.00**	**3.20**	**2.20**	**0.00**	**2.22**	**0.46**	**4.90**

Prince Zone P- 3 Western Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Harts Gravel Rd		0.60					
Chapel Rd		0.25					
Camp Tamawaby Rd		0.30			0.23		
Marquis		0.23					
Rte 12 Grand River					0.39		0.50
#2 Mt Pleasant					0.05		
Rte 11 Enmore					0.18		
Enmore Shore Rd					0.37		
Ellerslie Rd					0.41		
Dystant Rd					0.73		
Rte 12 Barlow Rd					0.34		
Bideford Rd					0.09		

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Paugh Rd					0.25		
East Bideford Rd					0.11		
Conway Rd					0.10		
Line Rd Milo Rte 14					0.62		
Kennedy Rd						0.10	
Hebron Rd					0.21		
Stephen Rd					0.20		
Smallwood Rd					0.25		
Rte 14 West Point					0.22		
Boulter Rd					0.12		
Rte 14 West Cape							0.10
Deblois Rd					0.87		
Cascumpec Rd					0.81		
Cunningham Rd					0.34		
Totals	**0.00**	**1.38**	**0.00**	**0.00**	**6.89**	**0.10**	**0.60**

Prince Zone P- 4 Western Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
O'Leary Rd						0.80	0.10
Rte 14 West Cape							0.10
Deblois Rd					0.87		
South Kildare Rd					0.12		
Watson Rd			0.23		0.10		
Mimimegash Harbour					0.06		
St Edwards Rd					0.10		
Farley Rd			0.20				
Foy Rd		0.18					
Trainor Rd		1.00					
Jerry Rd		1.00					
Old Palmer Rd			0.15				
Duvar Rd			0.30				
Souwest Rd	0.03						

Prince Zone P- 4 Western Region - Maintenance Activities

	in kilometres						
Road Name	**Millings**	**Gravel**	**Shale**	**Shoulders**	**Ditching**	**Tap Drains**	**Bush Cutting**
Center Line Rd	0.51						
Dock Rd	0.76						
North Cape Rd	1.60						
O'Rouke Rd	1.00						
St Felix	2.40						
J C Park	1.00						
Other Roads	0.60						
Rte 153	20.00						
Totals	**27.90**	**2.18**	**0.88**	**0.00**	**1.25**	**0.80**	**0.20**

WESTERN REGION: WINTER MAINTENANCE

Winter activities in the Western Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

Nine Thousand tonnes of salt were purchased for salt-only and 50/50 mix for ice control, **1,452** tonnes to blend with its winter sand. The **26,426.39** tonnes of blended sand purchased by the Region includes amounts for Reserve piles. This blended material consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at 9 sites throughout the Region.

Ice Control
Ice control on sections of Highway 1, 1A, 2 East, 2 West, 153 and sections of 142, 150 and 152, as well as Tignish, O'Leary and Alberton main streets, including **191.74** kilometres of road, were maintained by direct salt application.

Sanding Operations
Approximately **1358.10** kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by **2** sanding contractors using Department installed hoppers and spreaders. Winter sanding contractors completed their **1- year** contract.

Snowfall Records
Total snowfall recorded by Environment Canada recording station volunteers in the Western Region was:

Location	**Recorded (cm)**
Alberton	232.1
Summerside	136.5
Tyne Valley	193

Snow Fence Report
The Department installed approximately **2.363** meters of snow fence adjacent to Department plowed snow routes to control drifting in open areas.

Snow Removal Contracted Services
The following is a breakdown of the contracted sanding and snow removal services for the first year of a 7-year contract with private contractors.

Contractor	Kms Plowed
101364	107.00
Acadia Construction	100.90
AJL Ltd.	90.20
Clearview Construction	154.70
Curran & Briggs Ltd.	197.70
Duffy Construction	105.00
HI Construction	109.70
Matthew's Lime Spreading	87.24
Northern Enterprises Ltd.	90.80
Island Coastal west	175.88
TOTAL	**1219.12**

The Department was responsible for plowing **493.51** kilometres of highway. To this end, **18** plow routes were established. The following equipment was assigned and located as follows:

Western Region

Location	Kms.	Graders	4 x 4	Blowers	Loaders	Trucks
Tignish	40.21					1
Cascumpeque / Alberton	34.65		1			
Fortune Cove	25.02					1
Bloomfield	29.35					1
Alaska	25.71	1				
Tyne Valley	23.44	1				
Stanley Bridge	32.07	1				
Albany Rte 1	23.45					1
Kinkora	28.07					1
Albany / Rte 10	33.86		1			
Summerside, Rte 1A	21.54					1
Slemon Park	14.57				1	
Wellington / Rte 11	26.60					1
Summerside West	32.39					1
Summerside, Rte 2 East	22.12					1

Location	Kms.	Graders	4 x 4	Blowers	Loaders	Trucks
Freetown/Blue Shank	26.87	1				
Oleary	25.02		1			
St Louis	28.57	1				
Summerside /Alma spares		1	1	5		1
Totals	**493.51**	**6**	**4**	**5**	**1**	**10**

CONFEDERATION TRAIL MAINTENANCE

Maintenance Crews performed work on approximately 414 kilometres of the Confederation Trail.

Activity	Total
Vegetation Control	414 kilometres
Surface, Slope and Shoulder Repair	72.8 kilometres
Bush Cutting	98 kilometres
Surface Water Cross and Culvert Replacement	50 metres
Smooth Bucket Ditching	950 metres
Stabilization Materials at Shoreline	90 metres

MECHANICAL BRANCH

Expenditures
Operating budgets for the Mechanical Branch and Fleet Operations during the year totalled **$16,196,500**. The budget appropriation was distributed as follows:

Activity	Total	
Charlottetown Garage Direct	$	4,236,800
Charlottetown Garage Indirect	$	1,125,200
Bridgetown Garage Direct	$	1,873,300
Bridgetown Garage Indirect	$	328,100
Summerside Garage Direct	$	3,017,800
Summerside Garage Indirect	$	142,000
Western Region Operators	$	1,525,800
Central Region Operators	$	2,548,500
Eastern Region Operators	$	1,399,000
Total	**$**	**16,196,500**

Equipment

Government's Corporate Fleet
Transportation and Infrastructure Renewal maintained overall responsibility for management of all of Corporate Fleet. Department staff work closely with line departments in the overall management of fleet vehicles. This streamlined approached includes assessment of vehicles to determine appropriate replacement schedules updating vehicle specifications to improve operational needs and requirements and opportunities for reallocation of vehicles to in the broader government fleet in an effort to maximize each vehicle's useful life.

During the year, a total of **$907,709** Capital budgets allocation was invested in to upgrade the Provincial Government corporate fleet which includes vehicles categorized as passenger cars, vans and light trucks of approximately 1.5 ton or less.

Light Fleet Purchases

Quantity	Equipment Purchased
2	½ Ton 4x2 Reg Cab
8	½ Ton 4x4 Reg Cab
5	½ Ton 4x4 Ext Cab
1	One Ton 4x4 Reg Cab
4	Dual Wheel 4x2 with Dump
2	Dual Wheel 4x2 Cab & Chassis
1	½ Ton 4x2 (4 Door)
1	Wheelchair Van
3	Cargo Van
2	SUV
1	Full Size Car
1	Compact Car
31	Total Vehicles Purchased

Heavy Fleet
The sum of **$1,004,995** was allocated for the Capital heavy equipment account, which includes all commercial vehicles exceeding 4 ton & over and other heavy equipment such as loaders, tractors, bush cutters and attachments are equipment associated with the operation.

Heavy Fleet Purchases

Quantity	Equipment Purchased
1	Wood Chipper
1	Bi-Directional Tractor
1	Rotary Mower
1	Skid Steer Loader with Broom & Attachment
1	Zero Turn Lawn Tractor
1	Commercial Lawn Tractor
1	Kubota Mower
1	Tag Along Float with Winch

1	Rotary Grass Cutter
1	Rubber Tire Loader
1	Service Truck
1	Tire Balancer
1	Tandem Truck
1	Snow Accessories for Tandem Truck
1	Aluminum Trailer
1	Roller
1	Brine Tank & Pump
1	Walk Behind Snow Blower
1	Kubota Lawn Tractor
1	Tire/Welding Fit Up with Welders
1	Flail Mower

Each year this report includes a table to show the average fleet ages for active units as an indicator of the progress of the Fleet Replacement Program. The ideal number in the "% Units Over Half Age" column is 50%. At any given time, half of the vehicles in the fleet should not be older than, 50% of the Optimum life and 50% should be younger than Half age. The table shows that the government wide corporate fleet and Mechanical Branch heavy fleet continue to be over-aged and identifies the problem areas.

2012/13 Fleet Age Indicators

		In Years			
Unit	**Quantity**	**Optimum Life**	**Target Average Age**	**Actual Average Age**	**Percentage Half Age**
Corporate Fleet	364	6	3	5.15	57%
Single Axle	12	10	5	10.5	100%
Tandem	41	10	5	8	51%
4 x 4	17	20	10	25.5	100%
Grader	24	20	10	23	96%
Loader	22	20	10	21	77%
Self Propelled Blower	13	25	12	29	93%
Loader Mount Blower	6	20	10	8.8	34%
Tractor	24	20	10	12.5	90%
Grade-all	2	20	10	19.5	100%
Spreader	2	20	10	20.5	100%
Rollers	23	20	10	10	38%
Sand Hopper	21	20	10	14	72%
Trailer	61	20	10	14.4	59%
Crack Filling	1	10	5	3	0%
Skid Steer	1	10	5		0%
Self Propelled Lawn Tractors	6	5	2.5		0%

Replacement Program
Each year, Department staff continue to conduct a total review of the equipment to determine a replacement program. This program identifies the most immediate needs of the Department - namely operational requirements - and the replacement of existing equipment that has exceeded their useful life cycle. This program identifies the equipment requirement for years one through five and the annual costs necessary to accomplish it. The equipment is aging and the Department has not been able to keep up with demands of an aging fleet.

Systems
The Fleet Management System continues to be utilized to provide an account of the operating and maintenance costs associated with the Department's fleet of vehicles. A project is currently underway to implement an update to the Fleet Management System which will include a review of existing data and process. Reporting requirements and enhancements will also be explored. It is anticipated this project will continue throughout the next year.

Key Result Areas
Achievements of key result areas were as follows:

Financial Control:
The measure for financial control is budget achievement. During the year, expenditures exceeded budget as a result expenditures on repairs to heavy fleet equipment attributed to an aging fleet, resulting increased costs of parts. Also, with the higher price fluctuations of heating fuel, diesel and gasoline it has been very challenging for maintenance operations with many pieces of heavy equipment and huge repair facilities utilizing significant volumes of fuel.

During the 2012/13 year the Province identified surplus parts and equipment and auctioned **37** sand hoppers that were no longer required. The outdated surplus parts and old equipment auctioned off. Inventories were counted and adjusted to reflect the reductions in all **5** Mechanical facilities and the Body Shop.

The Department continues to promote safety awareness by looking at methods that will allow for safer work environments and educating the work force in areas of safety issues.

Training:

The Mechanical Branch continues to consider training as a priority and therefore provides training in the following areas:

- First Aid
- Welding Apprentice Training/OJT
- Dangerous Goods
- Driver Refresher Course
- Engine Diagnostic Session
- Forklift Training
- Tire Installer Course
- 3 Mechanic Apprentices
- 1 Welding Apprentices
- 1 Mechanical Apprentice completed apprenticeship and is now employed as a full time mechanic.

Infrastructure Secretariat

The Infrastructure Secretariat is a joint Provincial - Federal Office, responsible for administering infrastructure funding programs for Prince Edward Island. The office houses three full time provincial employees and one full time Federal employee.

Within the reporting period, five infrastructure programs were in operation:

1. Gas Tax Program (GT)(New Deal for Cities and Communities) and Gas Tax Extension(GT);
2. Canada-PEI Municipal Rural Infrastructure Fund (MRIF);
3. Building Canada Fund - Communities Component (BCF-CC);
4. Building Canada Fund -Major Infrastructure Component (BCF-MIC); and
5. City of Charlottetown - Spring Park Storm Separation Sewer Separation

INFRASTRUCTURE PROGRAMS

Gas Tax Fund (New Deal for Cities & Communities) and Extension program

The Gas Tax program became active on November 22, 2005 with the signing of the Agreement. The Agreement provides the Province with Thirty-Seven Million Five Hundred Thousand dollars ($37,500,000) over 2005-2010. An extension to the program was announced on September 8, 2008, totalling Sixty Million dollars ($60,000,000) for a four year period from 2010-2014.

The Gas Tax Extension Agreement for the Province of Prince Edward Island has four program areas:

• Direct Allocations to the 26 Water and/or Sewer Communities	$30.0 million
• Community and Capacity Building (plus program admin)	$12.0 million
• Municipal Services provided by the Province (Roads and Bridges)	$18.0 million
	Total $60.0 million

All projects undertaken with Gas Tax Funding must fall within the eligible project categories, which are: wastewater, water, solid waste, public transit, community energy systems, active transportation infrastructure and capacity building.

The Province started the 2012/13 fiscal year (FY) with a carryover of undistributed 2012-13 Gas Tax funds totalling $3,423,595. The Province then was entitled to receive $15,000,000 from Canada as part of their four-year allocation from the extension agreement. The available dollars for spending totalled approximately $18.5M of which $13,638,242 was transferred to Eligible Recipients.

- Direct Allocations to the 26 Water and/or Sewer Communities

In order for the 26 water and/or sewer communities to receive the bi-annual funding installments, they needed to supply Capital Investment Plan(s) to the Secretariat for approval. In 2012/13 the Infrastructure Secretariat received an additional 13 new and amended projects committing all the required Direct Allocations funds. Project applications from the Direct Allocation communities were submitted; they outline 13 projects, with a total project cost of $4,705,518.

Community and Capacity Building (plus program admin)

In the Gas Tax Extension Agreement an additional $12.0 million was established for the Community and Capacity Building Fund, as well as for the programs administration. Administrative costs have been approved at $600,000; leaving a minimum of $11.4 million for the Community and Capacity Building Fund.

It was decided by Management Committee to divide the Community and Capacity Building funding into two separate funding programs: 1) Community Fund; and 2) Capacity Building Fund. Each of these programs is application based, and requires Guidelines and Criteria, which were approved by Management Committee.

The Gas Tax Agreement seeks to foster sustainable cities and communities, which can achieve a higher quality of life and standard of living. The Communities Fund has been amended to open it to all those who receive a direct allocation and those who do not provide water and/or sewer, but who wish to undertake other infrastructure initiatives. All projects must fall within the eligible categories established in the original Gas Tax Agreement.

Community Fund

Management Committee approved the amended Community Fund Guidelines and Criteria in April 2011, opening the funds for those who received a direct allocation. In 2012/13, twelve (12) projects were approved for funding with a total cost of $7,711, 359 of which $5,030,022 is Gas Tax funds.

Capacity Building Fund

The vision of sustainability reflected in the Agreement integrates the four independent dimensions: cultural, social, economic, and environmental. Within this context the "Capacity Building Fund" has been established to assist communities to enhance their capacity to achieve and maintain long term sustainability.

The CBF is used towards soft cost projects, such as system wide planning, official plan and bylaw creations, infrastructure planning, land use studies and sustainability projects. There were three (3) projects approved in the 2012/13 fiscal year with a total cost of $147,355 of which $130,516 is Gas Tax funds.

Municipal Services provided by the Province (Roads and Bridges)

Through the Gas Tax funding for the Municipal Services provided by the Province (roads and bridges), $18 million has been approved over 4 years. All projects will be carried out by the Provincial Department of Transportation and Infrastructure Renewal (TIR). Projects include: Route2 - Sherbrooke/Travellers Rest, Wellington Bridge (Grand river), Route 2 - Slemon Park Roundabout and Route 4 – Bell's Hill. Total cost of projects and Gas Tax funds used was $3,100,274.

Municipal Rural Infrastructure Fund (MRIF)

On April 27, 2005 the $54 million Municipal Rural Infrastructure Fund (MRIF) was announced. Eligible applicants for MRIF funding include municipalities, unincorporated areas and community organizations. MRIF funding consists of equal share contributions between the Federal, Provincial and Municipal Governments.

MRIF is considered to be an innovative and effective approach, designed to take into account the priorities of both large and small communities across the Island, and offers a unique opportunity to enhance local infrastructure to support future growth and development. This program includes a strong "green" element, directing a minimum of 40% of funds to support projects that will lead to cleaner air and cleaner water. Green projects include such things as, improvements to local water systems, upgrades to wastewater facilities, and environmental energy improvements to municipal buildings. Public transit projects are also considered "green".

A secondary focus provides for investment in categories such as local roads, improved internet access, and projects to promote local culture, recreation and tourism. In addition, up to 1% of the fund will be devoted to infrastructure capacity building to assist communities to better access their existing infrastructure and to strengthen municipal planning.

The Canada-Prince Edward Island Municipal Rural Infrastructure Fund is administered by the Department of Community and Cultural Affairs and the Atlantic Canada Opportunities Agency. The Federation of PEI Municipalities is also represented on the program's management committee.

As of March 31, 2010, all available funds under the MRIF program had been committed. Ninety-Seven (97) projects were approved, totaling just over $63.5 Million.

While no additional projects were approved in the period April 1, 2011 to March 31, 2012, there were a few minor amendments granted to projects. In February 2010 an amending agreement was signed to extend the date of the program until March 31, 2014. This extension will allow one project to continue to completion.

In FY2012-13, one (1) project received $86,184.52 in funds from submitted claims and completed the one outstanding project.

Building Canada Fund – Communities Component (BCF-CC)

The Building Canada Fund – Communities Component (BCF-CC) is one part of the Building Canada Fund. The BCF-CC program is partnered with the Building Canada Fund – Major Infrastructure Component (BCF-MIC) program. Total funding of $35.25 Million was allocated to the Province, with $22 Million going to BCF-CC and $13.25 Million going to BCF-MIC. A further $2.1 million was announced for Build Canada Communities Component Top-Up (BCF-CC TOP-UP) project.

BCF-CC is an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province (where it provides municipal services to non-incorporated communities).
The BCF-MIC program deals mainly with larger projects which are priorities of government, and projects are mainly approved through a series of negotiations between the applicant, the Province, and the Federal government.

There are eighteen categories eligible under the BCF-CC program:

1. Water Infrastructure
2. Wastewater Infrastructure
3. Public Transit Infrastructure
4. Green Energy Infrastructure
5. Disaster Mitigation Infrastructure
6. Solid Waste Management Infrastructure
7. Brownfield Remediation
8. Culture Infrastructure
9. Collaborative Projects
10. Connectivity Infrastructure
11. Sport Infrastructure
12. Local Road Infrastructure
13. Short Line Rail Infrastructure
14. Tourism Infrastructure
15. Short Sea Shipping Infrastructure
16. Regional and Local Airports
17. Recreational Infrastructure
18. Core National Highway System

As of March 31, 2012 there were 54 approved projects valued at $71.5M, including the Top-Up project. In the FY 2012/13, 7 projects made claims totaling $1,023,843, as shown in Table 1 – Building Canada Communities Component Actual Spend – FY2012-2013

Table 1 – Building Canada Communities Component Actual Spend – FY2012-2013

BUILDING CANADA-COMMUNITIES COMPONENT			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2012-2013
CARI Complex	Energy Retrofit	1,579,380.00	96,097.73
Crapaud	Sherwood Forest Wellsite	100,000.00	47,717.72
Environmental Industrial Services Inc.	Improvements to Brudenell Treatment System	80,000.00	25,706.01
Mount Stewart	Wastewater Lagoon Upgrades	812,382.42	49,160.45
Stratford	Bouyer/Fulertons Creek Municipal Wellfield	2,600,000.00	630,913.33
Summerside	West End Walkway & Shoreline Protection	3,600,000.00	157,992.05
Wellington	Wellington Lagoon Expansion	996,000.00	11,529.83
Wood Island Development Corp.	Wood Island Light House	31,085.00	4,725.75
7 Projects	TOTAL	9,798,847	1,023,843

Building Canada Fund – Major Infrastructure Component (BCF-MIC)

The BCF-MIC program received $13.25 Million from the Federal government. This amount was to be matched by the Provincial Government but due to cost of the Convention Center the amount committed by the Province for this program was $20.2M. At the end of FY 2012/13 the Convention Center made claims of $7.77M. The Summerside Wind Farm was completed and paid out in 2009/10.

The table below shows the funding arrangement of the program.

Table 2 – Major Infrastructure Component Program Shares

MAJOR INFRASTRUCTURE COMPONENT PROGRAM SHARES				
Project	**Federal Share**	**Recipient Share**	**Provincial Share**	**Total**
Summerside Wind Farm	**4,500,000**	**4,500,000**	**4,500,000**	**13,500,000**
Convention Center	**8,656,054**	**0**	**15,686,724**	**24,342,778**
Infrastructure Plan	**93,946**	**0**	**0**	**93,946**
BCF-MIC SUBTOTALS	**$13,250,000**	**$4,500,000**	**$20,186,724**	**$37,936,724**

The Province also wished to support the historic redevelopment of the Kay's Building and approved an investment of $1,000,000 over a two year period to Charlottetown Area Development Corporation (CADC) historic redevelopment. FY2012/13 was the first payment of the half of the grant provided to the CADC.

City of Charlottetown - Spring Park Storm Water Sewer Separation

The City of Charlottetown for a number of years has had difficulties with storm water being expelled directly into the harbour during heavy rain events. The fishery has been shut down, affecting the economic viability of number fishers during these periods. The Province and the City entered into an Agreement that the Province would support the Spring Park Storm Water Sewer Separation project to $6.0M of which $3.0M is over the next two years and the remaining $3.0M to come online with a new Federal Build Canada program with cost sharing component.

STATEMENT OF EXPENDITURES

CAPITAL EXPENDITURES T/C
Year Ending March 31, 2013

BRIDGES C/A

Eastern Region		
McLures Dam Bridge	591,276	
Loane Road Bridge Construction	500	
Martinvale Structure Rehabilitation	184,346	
Flat River Bridge	1,119,271	
Cardigan Bridge Carryover	402,310	
Total Eastern Region		2,297,703
Central Region		
New Glasgow Mills Bridge Replacement	471,101	
Glenfinnan Bridge Replacement	665,639	
Hillsborough Bridge Embankment Protection	117,860	
Wheatley River Structure Rehabilitation	202,788	
Total Central Region		1,457,389
Western Region		
Ross' Corner Bridge Carryover	46,851	
Darnley Bridge Carryover	33,085	
Montrose Bridge Carryover	20,169	
Poplar Grove Bridge Replacement	433,609	
Hunter's Creek Bridge Replacement	580,674	
St. Roch Bridge	221,145	
Maple Plains - Victoria Bridge	4,665	
Emerald - Pre-cast Concrete Bridge Supply	178,341	
Emerald Bridge Replacement	335,959	
Cascumpec Bridge	4,440	
Cape Wolfe Structure Rehibilitation	143,007	
Total Western Region		2,001,947
Other		
Bridge Maintenance Various Districts	627,840	
Purchase of Auto Cad	89,504	

Total Other		717,344	
TOTAL BRIDGES C/A			6,474,383
HIGHWAY RECONSTRUCTION			
Western Region			
Rte 1 North Tryon	438,302		
Rte 1 North Bedeque	398,873		
Borden Storm Sewer Contribution	181,394		
Rte 2 New Annan	313,528		
Rte 20 & 101 Kensington	180,747		
Rte 2 St. Nicholas	331,576		
School St. Miscouche	92,805		
Rte 142 Woodstock/Unionvale 2012	678,796		
Rte 2 Rosebank	627,594		
Total Western Region		3,243,615	
Central Region			
Rte 1 Flat River	523,887		
Rte 3 Mt. Mellick	432,210		
Rte 7 Oyster Bed Rte 15 Brackley/Harrington	1,465,024		
Rte 2 Malpeque Rd Ch'town	375,936		
Land Purchases TCH Churchill	3,362,656		
Rte 2 Brookfield/Greenvale	451,359		
Broadway Rd/Hope River 2012	85,151		
Rte 6 Rusticoville Carryover	240,037		
Rte 13 Rennies Rd	238,270		
Total Central Region		7,174,531	
Eastern Region			
Rte 2 Canavoy	608,666		
Bristol	14,563		
Rte 4 Bridgetown/Cardross/Cardigan	478,614		
Poole's Corner Roundabout	2,636,215		
Rte 4 Murray River	866,816		
Total Eastern Region		4,604,873	

Other			
Guardrail Western Region	388,559		
Guardrail Eastern Region	162,486		
Land Purchases Eastern Region	459,255		
Land Purchases Western Region	297,109		
Total Other		1,307,410	
TOTAL HIGHWAY RECONSTRUCTION			16,330,430
PROVINCIAL PAVING			
Western Region			
Asphaltic Concrete Supply & Place - Curran & Bri	1,162,812		
Shouldering	45,911		
Asphalt Concrete Supply & Place - Central Roadv	795,900		
Gravel Cannontown	69,875		
Class A Gravel Back Margate Rd	43,093		
Gravel Various Rds	124,129		
Total Western Region		2,241,721	
Central Region			
Asphalt Supply & Place - Central Roadways	313,555		
Asphaltic Concrete - Island Construction	1,451,303		
Recap Program - Chapman Brothers Const.	452,030		
Recap Program - M & M Resources	444,389		
Shouldering	203,785		
Class B Gravel - Chapman Brothers Const.	88,030		
Gravel Various Rds	9,362		
Total Central Region		2,962,453	
Eastern Region			
Recap Program Supply & Place - Island Construct	490,773		
Recap Program - Chapman Brothers Const	784,197		
Shouldering	15,649		
Class B Gravel - Chapman Brothers Const	39,449		
TCH Culvert Replacement Rte 4 - Wood Islands	52,303		
TCH Vernon Bridge Culvert Replacement	64,982		
Gravel Various Rds	32,799		

Total Eastern Region		1,480,151		
Other				
DFAA Post Tropical Storm Hanna	7,123			
Total Other		7,123		
TOTAL PROVINCIAL PAVING			6,691,448	
COST SHARED PROJECTS				
Gas Tax Projects				
Rte 4 Bell's Hill	568,469			
Rte 2 Slemon Park Roundabout	1,525,977			
Wellington Bridge	499,099			
Rte 2 Sherbrooke/Travellers Rest	581,115			
Total Gas Tax Projects		3,174,660		
Gateway Projects				
Rte 1 TCH New Haven	3,452,657			
Rte 1 TCH Bonshaw	1,257,070			
Total Gateway Projects		4,709,727		
TOTAL COST SHARE PROJECTS			7,884,387	
OTHER				
Highway Equipment	1,960,731			
TOTAL OTHER			1,960,731	
TOTAL HIGHWAY CAPITAL				39,341,379
CAPITAL - BUILDINGS/TC				
Land Purchases	318,091			
TOTAL LAND PURCHASES		318,091		

New Building Construction				
Analytical Lab Facility	1,992,016			
TOTAL NEW BUILDING CONSTRUCTION		1,992,016		
Building Renovations				
Enhanced Security Program	169,073			
Kensington Office Project	73,426			
Potato Services Bldg. Renovation	60,545			
Agriculture Move 5th Jones	86,102			
Auto Cad Software	51,046			
Capital Upgrades to various Gov't Bldgs	1,153,003			
TOTAL BUILDING RENOVATIONS		1,593,195		
TOTAL CAPITAL - BUILDINGS/TC			3,903,302	
TOTAL CAPITAL EXPENDITURES DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE RENEWAL				43,244,681

STATEMENT OF OPERATING EXPENDITURES

	Actuals	Budget Estimates 12/13
FINANCE AND HUMAN RESOURCES		
Executive Office		
Administration	28,392	26,200
Equipment	219	
Materials, Supplies and Services	849	500
Professional & Contract Services	1,432	
Salaries	378,975	326,400
Travel & Training	18,733	14,000
	428,600	367,100
Corporate Services Adminstration		
Administration	22,737	33,700
Equipment	1,099	500
Materials, Supplies, & Services	2,654	18,700
Professional & Contract Services	1,504,001	900
Salaries	268,799	301,700
Travel & Training	6,046	4,100
Grants		
Island Waste Management Corp.	895,373	875,000
	2,700,709	1,234,600
INTRASTRUCTURE		
Intrastructure		
Administration	51,213	59,700
Equipment	4,695	2,000
Materials, Supplies, & Services	605	13,500
Professional & Contract Services	30,210	60,000
Salaries	291,494	327,300
Travel & Training	4,156	11,600
Grants		
Infrastructure Program	21,080,236	19,744,000
	21,462,609	20,218,100
Total Corporate Services	**24,591,918**	**21,819,800**
HIGHWAY SAFETY		
Highway Safety Administration		
Administration	84,637	112,300
Debt	2,313	
Equipment	494	900
Materials, Supplies, & Services	31,460	8,500
Professional & Contract Services	60,794	164,700
Salaries	169,662	155,100

Travel & Training	31,829	55,000
	381,189	496,500
Registration and Licensing		
Administration	169	900
Equipment	2,025	4,000
Materials, Supplies, & Services	177,989	211,400
Professional & Contract Services	169	
Salaries	749,561	805,400
Travel & Training		700
	929,913	1,022,400
Highway Scales		
Administration	176	
Debt	450	
Equipment	4,647	12,900
Materials, Supplies, & Services	11,945	24,200
Salaries	657,369	630,000
Travel & Training		1,000
	674,587	668,100
Promotion Highway Safety		
Administration		2,000
Equipment		900
Materials, Supplies, & Services	11,974	22,000
Professional & Contract Services	675	1,000
Salaries	606,280	711,400
Travel & Training	700	5,200
	619,629	742,500
Total Highway Safety	**2,605,318**	**2,929,500**
LAND AND ENVIRONMENT		
Environment Management		
Administration	10,170	9,700
Equipment	105	1,500
Materials, Supplies, & Services	9,618	1,900
Professional & Contract Services	33,459	41,300
Salaries	514,091	556,200
In Province Travel	71,024	54,500
	638,467	665,100
Properties		
Administration	110,406	131,000
Debt	98,490	
Equipment	2,978	3,000

Materials, Supplies, & Services	4,985	4,100
Professional & Contract Services	114,113	115,700
Salaries	775,233	906,400
Travel & Training	22,947	32,000
Grants		
Miscellaneous	10,088	
	1,139,240	1,192,200
Surveys		
Administration	13,633	6,600
Equipment	13,058	29,900
Materials, Supplies, & Services	4,757	5,500
Professional & Contract Services	7,509	22,000
Salaries	614,529	507,900
Travel & Training	4,280	6,500
	657,766	578,400
Total Land and Environment	2,435,473	2,435,700
HIGHWAY MAINTENANCE OPERATIONS		
Highway Maintenance Administration	5,667	11,100
Materials, Supplies, & Services	931	1,000
Professional & Contract Services	49,686	76,600
Salaries	162,883	266,200
Travel & Training	8,707	11,900
Grants		
Slemon Park	80,040	80,600
	307,914	447,400
Highway Maintenance Inventory Control		
Administration	5,837	4,200
Debt	132	
Materials, Supplies, & Services	317,420	362,800
Professional & Contract Services	6,229	
Salaries	437,900	473,600
Travel & Training	8,837	6,000
	776,355	846,600
Provincial Maintenance Road Program		
Debt	1,758	
Materials, Supplies, & Services	256,523	898,100
Professional & Contract Services	801,846	413,000
	1,060,127	1,311,100
Maintenance Administration -- Western Region		
Administration	38,890	42,800

Debt	240	
Equipment		600
Materials, Supplies, & Services	1,830	2,100
Professional & Contract Services	2,213	
Salaries	492,354	455,400
Travel & Training		2,500
	535,527	503,400
Maintenance Administration-- Eastern Region		
Administration	43,969	61,500
Equipment	300	400
Materials, Supplies, & Services	2,079	700
Professional & Contract Services	4,566	
Salaries	500,863	438,900
Travel & Training	760	3,200
	552,537	504,700
Maintenance Administration-- Central Region		
Administration	66,105	66,900
Matterials, Supplies, & Services	2,104	600
Professional & Contract Services	2,688	
Salaries	470,025	507,800
Travel & Training	3,107	800
	544,029	576,100
Summer Maintenance Operations-- Western Region		
Administration	192	
Debt	541	
Equipment	2,731	6,500
Materials, Supplies, & Services	1,354,889	1,309,800
Professional & Contract Services	150,045	154,500
Salaries	2,005,836	2,171,900
Travel & Training	53,944	63,400
	3,568,178	3,706,100
Summer Maintenance Operations-- Eastern Region		
Administration	2,780	
Equipment	1,068	
Materials, Supplies, & Services	903,203	1,001,000
Professional & Contract Services	203,398	188,000
Salaries	1,795,901	1,902,700
Travel & Training	36,365	40,100
	2,942,715	3,131,800
Summer Maintenance Operations-- Central Region		
Materials, Supplies, & Services	1,929,381	1,440,900

Professional & Contract Services	378,794	243,000
Salaries	2,525,111	2,520,900
Travel & Training	68,461	75,000
	4,901,747	4,279,800
Rails to Trails Maintenance/TP		
Administration	7,840	9,500
Equipment	500	
Materials, Supplies, & Services	280,113	312,900
Professional & Contract Services	72,109	64,000
Salaries	929,669	912,300
Travel & Training	20,368	23,000
	1,310,599	1,321,700
Winter Maintenance Operations-- Western Region		
Materials, Supplies, & Services	1,347,516	1,228,400
Professional & Contract Services	3,475,390	3,019,300
Salaries	291,402	419,900
Travel & Training	695	
	5,115,003	4,667,600
Winter Maintenance Operations-- Eastern Region		
Materials, Supplies, & Services	992,737	980,800
Professional & Contract Services	1,495,894	1,463,800
Salaries	280,805	465,600
Travel & Training	2,784	4,000
	2,772,220	2,914,200
Winter Maintenance Operations-- Central Region		
Debt	79,102	
Materials, Supplies, & Services	2,033,642	1,292,000
Professional & Contract Services	3,141,147	2,507,000
Salaries	311,499	605,500
	5,565,390	4,404,500
Mechanical-- Charlottetown Garage-- Direct		
Administration	24,454	26,900
Equipment		3,500
Materials, Supplies, & Services	1,965,812	1,651,000
Professional & Contract Services	585	4,100
Salaries	1,956,375	2,418,400
Travel & Training	202,834	132,900
	4,150,060	4,236,800

Mechanical--Charlottetown Garage-- Indirect		
Administration	53,190	71,400
Equipment	18,909	12,400
Materials, Supplies, & Services	358,502	314,000
Professional & Contract Services	55,189	38,400
Salaries	607,403	684,900
Travel & Training	7,320	4,100
	1,100,513	1,125,200
Mechanical--Summerside Garage-- Direct		
Administration	16,423	16,100
Debt	455	
Equipment	3,536	5,500
Materials, Supplies, & Services	1,607,763	1,073,300
Professional & Contract Services	10,352	8,000
Salaries	1,620,488	1,843,700
Travel & Training	153,617	71,200
	3,412,634	3,017,800
Mechanical-- Summerside Garage-- Indirect		
Administration	12,981	25,100
Equipment	16,439	18,700
Materials, Supplies, & Services	21,338	15,000
Salaries	78,687	77,800
Travel & Training	4,582	5,400
	134,027	142,000
Mechanical--Operators-- Western Region		
Administration	97	2,400
Materials, Supplies, & Services	14,778	14,000
Professional & Contract Services	250	
Salaries	1,452,528	1,490,700
Travel & Training	20,356	18,700
	1,488,009	1,525,800
Mechanical--Operators-- Central Region		
Administration	856	4,800
Materials, Supplies, & Services	24,919	50,300
Pressional & Contract Services	480	
Salaries	2,183,531	2,447,000
Travel & Training	29,773	46,400
	2,239,559	2,548,500
Mechanical--Operators-- Eastern Region		
Administration	184	1,100
Materials, Supplies, & Services	20,758	28,000

Professional & Contract Services	4,090	
Salaries	1,243,573	1,348,100
Travel & Training	35,276	21,800
	1,303,881	1,399,000
Mechanical--Bridgetwon Highway Garage-- Direct		
Administration	150	
Equipment	6,549	7,000
Materials, Supplies, & Services	1,021,245	704,600
Professional & Contract Services	3,268	3,200
Salaries	892,969	1,027,600
Travel & Training	202,798	130,900
	2,126,979	1,873,300
Maechanical--Bridgetown Highway Garage-- Indirect		
Administration	30,650	27,400
Equipment		2,100
Materials, Supplies, & Services	51,419	56,200
Professional & Contract Services	8,032	12,900
Salaries	226,060	224,200
Travel & Training	1,273	5,300
	317,434	328,100
Total Highway Maintenance Operations	46,225,437	44,811,500
PUBLIC WORKS AND PLANNING		
Public Works Operations--Administration		
Administration		69,100
Equipment	223	7,500
Materials, Supplies, & Services	62,079	158,600
Professional & Contract Services	6,840	10,000
Salaries	692,077	918,800
Travel & Training	24,744	36,000
	785,963	1,200,000
District Heating Plant		
Professional & Contract Services	2,015,665	2,115,400
	2,015,665	2,115,400
Audio Visual		
Administration	798	500
Materials, Supplies, & Services	5,117	14,000
Salaries	82,736	112,000
Travel & Training	101	5,000
	88,752	131,500
Building Maintenance Direct-- Mona Wilson Bldg		

Administration	10,547	10,800
Materials, Supplies, & Services	18,001	29,200
Professional & Contract Services	12,913	15,000
	41,461	55,000

Building Maintenance Direct-Shaw, Sullivan & Jones Bldgs.

Administration	471,913	478,000
Equipment	6,552	6,000
Materials, Supplies, & Services	1,162,583	1,070,400
Professional & Contract Services	362,919	296,000
Salaries	1,104,556	1,020,700
Travel & Training	4,805	3,000
	3,113,328	2,874,100

Building Maintenance Direct- Province House

Administration	20,683	21,300
Materials, Supplies, & Services	58,056	105,000
Professional & Contract Services		7,000
Salaries	22,068	44,300
	100,807	177,600

Building Maintenace Direct-Province House Annex

Administration	7,868	8,300
Materials, Supplies, & Services	25,553	22,400
Professional & Contract Services	13,579	15,500
	47,000	46,200

Building Maintenance Direct-Government House

Administration	21,445	22,000
Equipment	241	2,000
Materials, Supplies, & Services	93,338	95,900
Professional & Contract Services	6,950	8,000
Salaries	317,861	376,800
Travel & Training	2,576	1,500
	442,411	506,200

Building Maintenance Direct- Customs House

Administration	8,837	9,300
Materials, Supplies, & Serverices	26,895	27,700
Professional & Contract Services	17,799	18,000
	53,531	55,000

Building Maintenance Direct-Coles Building

Administration	40,713	41,900

Materials, Supplies, & Services	46,130	49,700
Professional & Contract Services	10,714	12,000
Salaries	54,882	95,200
	152,439	198,800

Building Maintenance Direct-Prince County Jail & Courthouse

Administration	19,003	20,000
Materials, Supplies, & Services	73,308	69,300
Professional & Contract Services	13,917	25,000
Salaries	48,589	45,800
	154,817	160,100

Building Maintenance Direct Summerside Youth Centre

Administration	79,890	82,000
Materials, Supplies, & Services	162,040	152,400
Professional & Contract Services	25,051	22,000
	266,981	256,400

Building Maintenance Direct- Provincial Correctional Centre

Administration	38,004	35,000
Materials, Supplies, & Services	374,976	323,400
Professional & Contract Services	37,593	20,000
	450,573	378,400

Building Maintenance Direct-Montague Office Complex

Administration		7,300
Materials, Supplies, & Services	49,971	51,700
Professional & Contract Services	30,171	30,000
	80,142	89,000

Building Maintenance Direct-Southern Kings/Queens RSC

Administration	4,923	5,200
Materials, Supplies, & Services	45,870	45,200
Professional & Contract Services	35,506	34,000
	86,299	84,400

Building Maintenance Direct-Prince Edward Home

Materials, Supplies, & Services	113,555	55,800
	113,555	55,800

Building Maintenance Direct-West Prince RSC

Administration	7,370	8,000
Materials, Supplies, & Services	32,479	28,900
Professional & Contract Services	31,259	30,000
	71,108	66,900

Building Maintenance Direct-Small Buildings		
Administration	62,482	290,700
Materials, Supplies, Services	830,338	606,200
Professional & Contract Services	305,337	188,100
Salaries	57,867	44,300
	1,256,024	1,129,300
Building Maintenance Direct-Highway Material Testing Lab		
Materials, Supplies, Services	31,739	36,000
Professional & Contract Services	10,742	11,000
Salaries	26,611	32,200
Travel & Training	53	
	69,145	79,200
Building Maintenance Direct- Access PEI-Summerside		
Administration	47,040	50,000
Materials, Supplies, Services	166,256	213,000
Professional & Contract Services	57,137	60,000
	270,433	323,000
Building Maintenance Direct-Brighton Road Office Complex		
Administration	572	700
Materials, Supplies, Services	22,417	28,500
Professional & Contract Services	8,266	12,000
	31,255	41,200
Building Maintenance Direct- Holland College-Royalty Operations		
Administration	140,619	145,000
Materials, Supplies, & Services	245,324	219,700
Professional & Contract Services	75,960	100,000
	461,903	464,700
Building Maintenance Direct-Summerside Garage-Slemon Park		
Administration	20,307	24,300
Materials, Supplies, & Services	140,071	145,100
Professional & Contract Services	38,603	42,000
	198,981	211,400
Building Accommodations-Small Lease		
Administration	932,764	1,099,300
Materials, Supplies, & Services	220,459	61,000
Professional & Contract Services	33,577	8,200
Salaries	12,317	15,000

	1,199,117	1,183,500
Building Accommodations-Evangeline RSC		
Administration	58,470	64,100
Materials, Supplies, & Services	3,096	5,600
Professional & Conract Services	299	
	61,865	69,700
Building Accommodations- Johnny Ross Young RSC		
Administration	258,490	208,800
Materials, Supplies, & Services	1,472	5,200
Professional & Contract Services	1,820	1,800
	261,782	215,800
Building Accommodations-Research Station		
Administration	177,292	270,200
Materials, Supplies, & Contract	800	
	178,092	270,200
Building Accommodations-Queens Region Health Authority-Ellis Bros Bldg.		
Administration	728,757	746,800
Materials, Supplies, & Services	824	
Professional & Contract Services	200	
	729,781	746,800
Building Accommodations Health Agency Younker, Roche Bldg.		
Administration	563,339	548,700
Materials, Supplies, & Services	11	400
	563,350	549,100
Building Accommodations-Provincial Library Morell		
Administration	199,657	189,400
Materials, Supplies, & Services	334	
	199,991	189,400
Building Accommodations-St Paul's Rectory		
Administration	27,661	25,000
Materials, Supplies, & Services	9,724	11,200
Professional & Contract Services	7,689	13,000
	45,074	49,200
Building Accommodations-Albert Thomas Bldg.		
Administration	16,227	67,000
Materials, Supplies, & Services	6,671	23,000
Professional & Contract Services	1,461	7,100

	24,359	97,100
Building Accommodations-E. Blanchard (Gordon Drive)		
Administration	104,887	125,000
Materials, Supplies, & Services		6,800
Professional & Contract Services	14,177	15,000
	119,064	146,800
Building Accommodations-Concorde Building		
Administration	154,099	150,500
	154,099	150,500
Building Accommodations-Davies Law Courts		
Administration	489,844	735,700
Materials, Supplies, & Services	126,608	142,600
Professional & Contract Services	294,337	271,000
	910,789	1,149,300
Building Accommodations- Highway Safety Office		
Administration	185,988	190,000
Materials, Supplies, & Services	315	5,000
Professional & Contract Services	136	
	186,439	195,000
Building Accommodations-Stonehouse VIC		
Administration	61,237	60,000
	61,237	60,000
Building Accommodations-Fisheries Warehouse		
Administration	42,087	46,200
Materials, Supplies, & Services	20,746	21,600
Professional & Contract Services	3,048	4,000
	65,881	71,800
Building Accommodations-Kelly Building Courthouse		
Administration	205,200	360,000
Materials, Supplies, & Services	196	17,600
	205,396	377,600
Building Accommodations-SRDC 109 Water Street/TP		
Administration	183,638	180,000
Materials, Supplies, & Services	228	
	183,866	180,000
Building Accommodations-Confederation Centre & Libraries		

Administration	128,000	178,000
Materials, Supplies, Services	50,000	
	178,000	178,000

Building Accommodations-Gateway Village VIC

Adminstration	69,180	70,000
	69,180	70,000

Building Accommodations-Confederation Court Lease-EMO

Administration	34,858	36,000
	34,858	36,000

Building Accommodations-Donald Bondy Bldg.

Administration	310,500	310,500
Professional & Contract Services	27,784	30,000
	338,284	340,500

Building Accommodations-Hunter River Health Centre

Administration	80,900	90,900
	80,900	90,900

Building Accommodations-Summerside Medical Centre

Administration	211,360	210,000
	211,360	210,000

Building Accommodations-Polyclinic

Administration	285,101	271,300
	285,101	271,300

Building Accommodations-Pharmtech-Friendly Pharmacy

Administration	180,197	179,600
	180,197	179,600

Building Accommodations-Fisheries Dept. Montague

Administration	258,531	252,500
Materials, Supplies, & Services	45	2,000
	258,576	254,500

Building Accommodations-Education Dept. Summerside

Administration	795,959	762,200
Materials, Supplies, & Services		10,000
Professional & Contract Services	38,202	37,000
	834,161	809,200

Building Accommodations-Brecken Yates

Administration	147,409	146,000
	147,409	146,000
Director's Office		
Administration	10,110	15,800
Materials, Supplies, & Services	5,260	5,100
Professional & Contract Services	265,615	224,000
Salaries	158,708	260,000
Travel & Training	5,089	12,900
	444,782	517,800
Planning		
Administration	4,853	7,600
Equipment	1,704	
Salaries	154,990	164,900
Travel & Training	16,960	9,800
	178,507	182,300
Building Construction		
Administration	1,438	3,700
Materials, Supplies, & Services	35	1,400
Salaries	276,935	324,000
Travel & Training	9,212	23,200
	287,620	352,300
Building Design		
Administration	6,818	4,300
Equipment	825	
Materials, Supplies, & Services	2,298	
Salaries	207,562	329,600
Travel & Training	20,777	9,900
	238,280	343,800
Total Public Works and Planning	19,269,970	20,383,600
CAPITAL PROJECT DIVISION		
Traffic Operations Management		
Administration	4,207	5,400
Equipment	530	
Materials, Supplies, & Services	7,001	23,200
Professional & Contract Services	6,230	6,000
Salaries	305,104	339,600
Travel & Training	18,615	16,800
	341,687	391,000
Traffic Operations-Western Region		

Administration	5,237	4,400
Equipment	6,150	1,300
Materials, Supplies, & Services	265,260	255,900
Professional & Contract Services	2,002	2,200
Salaries	460,294	454,100
Travel & Training	9,956	8,700
	748,899	726,600
Traffic Operations-Central Region		
Administration	14,098	7,900
Equipment	14,686	5,000
Materials, Supplies, & Services	795,238	781,100
Professional & Contract Services	35,815	49,000
Salaries	992,212	1,003,000
Travel & Training	21,643	23,000
	1,873,692	1,869,000
Traffic Operations-Sign Shop		
Administration	2,206	5,700
Equipment	500	
Materials, Supplies, & Services	101,843	129,400
Professional & Contract Services	4,983	5,100
Salaries	192,327	183,000
Travel & Training	494	1,000
	302,353	324,200
Chief Engineer's Office		
Administration	21,595	21,400
Equipment	1,208	800
Materials, Supplies, & Services	1,658	500
Professional & Contract Services	39,555	71,200
Salaries	303,770	359,600
Travel & Training	7,737	9,800
	375,523	463,300
Western Region		
Administration	38,533	42,200
Equipment	6,198	19,200
Materials, Supplies, & Services	21,750	30,100
Professional & Contract Services	1,761	3,500
Salaries	961,241	904,500
Travel & Training	16,623	40,800
	1,046,106	1,040,300
Eastern Region		
Administration	16,799	30,700

Equipment	6,510	19,300
Materials, Supplies, & Services	8,009	28,100
Professional & Contract Services	264	3,500
Salaries	795,184	900,400
Travel & Training	14,149	28,800
	840,915	1,010,800
Engineering Services Operations		
Administration		200
Debt	116	
Equipment		900
Materials, Supplies, & Services	1,472	600
Salaries	88,195	91,000
Travel & Training	4,056	6,000
	93,839	98,700
Highway Design		
Administration	16,022	6,700
Equipment	694	1,500
Materials, Supplies, & Services	4,898	4,200
Professional & Contract Services	770	8,400
Salaries	515,966	545,000
Travel & Training	13,643	10,400
	551,993	576,200
Materials Testing Lab		
Administration	17,171	19,800
Equipment	28,904	30,700
Materials, Supplies, & Services	7,636	12,200
Professional & Contract Services	5,511	2,500
Salaries	610,165	1,323,000
Travel & Training	27,378	41,200
	696,765	1,429,400
Bridge Maintenance Operations		
Administration	5,972	4,500
Materials, Supplies, & Services	499,276	852,300
Professional & Contract Services	1,323,261	631,000
Salaries	466,867	456,300
Travel & Training	31,891	10,000
	2,327,267	1,954,100
Highway Enhancement/TP		
Salaries	123,506	157,800
	123,506	157,800

Total Capital Project Division	9,322,545	10,041,400
TOTAL TRANSPORTATION AND INFRASTRUCTURE RENEWAL	104,450,661	102,421,500